

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052122AL\
 Data File : FC059875.D
 Signal(s) : FID1A.CH
 Acq On : 21 May 2022 11:43
 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 05/23/2022
 Supervised By :Ankita Jodhani 05/23/2022

Integration File: sample.E
 Quant Time: May 23 01:00:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.647	2845148	19.375 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
12) S 1-chlorooctadecane (S...	12.016	2227670	19.358 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
Target Compounds			
1) T n-Nonane (C9)	2.626	2494099	19.531 ug/ml
2) T n-Decane (C10)	3.624	2608876	20.600 ug/ml
3) T A~Naphthalene (C11.7)	5.160	2930013	19.899 ug/ml
4) T n-Dodecane (C12)	5.577	2751931	20.926 ug/ml
5) T A~2-methylnaphthalene...	6.184	3011561	20.034 ug/ml
6) T n-Tetradecane (C14)	7.329	2739126	20.356 ug/ml
7) T n-Hexadecane (C16)	8.893	2757337	20.095 ug/ml
8) T n-Octadecane (C18)	10.302	2731430	19.821 ug/ml
10) T n-Eicosane (C20)	11.581	2631255	19.564 ug/ml
11) T n-Heneicosane (C21)	12.180	2586282	19.387 ug/ml
13) T n-Docosane (C22)	12.753	2597984	19.796 ug/ml
14) T n-Tetracosane (C24)	13.831	2591240	20.595 ug/ml
15) T n-Hexacosane (C26)	14.828	2437088	20.406 ug/ml
16) T n-Octacosane (C28)	15.757	2511709	22.062 ug/ml
17) T n-Tricontane (C30)	16.624	2729406	24.830 ug/ml
18) T n-Dotriacontane (C32)	17.438	2700291	26.119 ug/mlm
19) T n-Tetratriacontane (C34)	18.202	2424170	24.830 ug/mlm
20) T n-Hexatriacontane (C36)	18.924	2172240	23.399 ug/mlm
21) T n-Octatriacontane (C38)	19.607	2166767	22.762 ug/mlm
22) T n-Tetracontane (C40)	20.258	1949331	20.592 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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