

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041222AL\
 Data File : FC059190.D
 Signal(s) : FID1A.CH
 Acq On : 12 Apr 2022 20:45
 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 04/13/2022
 Supervised By :mohammad ahmed 04/14/2022

Integration File: autoint1.e
 Quant Time: Apr 13 02:13:21 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)	11.101	2932482	20.353 ug/ml
Spiked Amount 50.000		Recovery =	40.71%
12) S 1-chlorooctadecane (S...	12.549	2283756	20.374 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
Target Compounds			
1) T n-Nonane (C9)	2.965	2702696	22.055 ug/ml
2) T n-Decane (C10)	4.006	2703591	22.062 ug/ml
3) T A~Naphthalene (C11.7)	5.554	2781625	22.155 ug/ml
4) T n-Dodecane (C12)	6.003	2791533	21.855 ug/ml
5) T A~2-methylnaphthalene...	6.601	2760577	21.534 ug/ml
6) T n-Tetradecane (C14)	7.785	2785910	21.427 ug/ml
7) T n-Hexadecane (C16)	9.376	2791463	21.021 ug/ml
8) T n-Octadecane (C18)	10.809	2761052	20.767 ug/ml
10) T n-Eicosane (C20)	12.112	2682418	20.473 ug/ml
11) T n-Heneicosane (C21)	12.721	2651173	20.319 ug/ml
13) T n-Docosane (C22)	13.304	2626607	20.276 ug/ml
14) T n-Tetracosane (C24)	14.401	2547486	20.166 ug/ml
15) T n-Hexacosane (C26)	15.417	2486550	20.585 ug/ml
16) T n-Octacosane (C28)	16.364	2474482	20.897 ug/ml
17) T n-Tricontane (C30)	17.247	2464802	21.607 ug/ml
18) T n-Dotriacontane (C32)	18.078	2377477	22.192 ug/mlm
19) T n-Tetratriacontane (C34)	18.856	2281532	22.581 ug/mlm
20) T n-Hexatriacontane (C36)	19.592	2226007	23.297 ug/mlm
21) T n-Octatriacontane (C38)	20.291	2071289	22.509 ug/ml
22) T n-Tetracontane (C40)	21.034	2026936	21.809 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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