

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042222AL\
 Data File : FC059395.D
 Signal(s) : FID1A.CH
 Acq On : 23 Apr 2022 15:31
 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 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File: sample.E
 Quant Time: Apr 25 01:33:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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)	11.095	3193546	19.874 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
12) S 1-chlorooctadecane (S...	12.541	2546752	19.503 ug/ml
Spiked Amount 50.000		Recovery =	39.01%
Target Compounds			
1) T n-Nonane (C9)	2.960	2506310	19.998 ug/ml
2) T n-Decane (C10)	4.000	2527307	20.229 ug/ml
3) T A~Naphthalene (C11.7)	5.550	2652106	21.620 ug/ml
4) T n-Dodecane (C12)	5.998	2686769	20.375 ug/ml
5) T A~2-methylnaphthalene...	6.598	2700289	21.396 ug/ml
6) T n-Tetradecane (C14)	7.779	2768476	20.467 ug/ml
7) T n-Hexadecane (C16)	9.370	2865849	20.406 ug/ml
8) T n-Octadecane (C18)	10.803	2945955	20.167 ug/ml
10) T n-Eicosane (C20)	12.104	2941099	19.611 ug/ml
11) T n-Heneicosane (C21)	12.713	2939567	19.325 ug/ml
13) T n-Docosane (C22)	13.295	2931486	19.132 ug/ml
14) T n-Tetracosane (C24)	14.393	2854101	18.432 ug/ml
15) T n-Hexacosane (C26)	15.408	2700511	17.522 ug/ml
16) T n-Octacosane (C28)	16.355	2570047	16.602 ug/ml
17) T n-Tricontane (C30)	17.238	2418607	15.924 ug/ml
18) T n-Dotriacontane (C32)	18.068	2199953	15.613 ug/mlm
19) T n-Tetratriacontane (C34)	18.847	1988333	15.732 ug/ml
20) T n-Hexatriacontane (C36)	19.584	1785710	16.326 ug/ml
21) T n-Octatriacontane (C38)	20.281	1762567	18.925 ug/mlm
22) T n-Tetracontane (C40)	21.021	1817100	21.754 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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