

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042822AL\
 Data File : FC059534.D
 Signal(s) : FID1A.CH
 Acq On : 29 Apr 2022 6:58
 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 04/29/2022
 Supervised By :mohammad ahmed 04/29/2022

Integration File: sample.E
 Quant Time: Apr 29 07:20:45 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)	11.092	3419231	21.278 ug/ml
Spiked Amount 50.000		Recovery =	42.56%
12) S 1-chlorooctadecane (S...	12.538	2711637	20.766 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
Target Compounds			
1) T n-Nonane (C9)	2.959	2793063	22.286 ug/ml
2) T n-Decane (C10)	3.998	2834217	22.686 ug/ml
3) T A~Naphthalene (C11.7)	5.548	2940803	23.974 ug/ml
4) T n-Dodecane (C12)	5.995	3013745	22.854 ug/ml
5) T A~2-methylnaphthalene...	6.595	3022902	23.952 ug/ml
6) T n-Tetradecane (C14)	7.776	3069542	22.693 ug/ml
7) T n-Hexadecane (C16)	9.366	3160875	22.506 ug/ml
8) T n-Octadecane (C18)	10.800	3200109	21.907 ug/ml
10) T n-Eicosane (C20)	12.101	3179408	21.200 ug/ml
11) T n-Heneicosane (C21)	12.710	3158121	20.762 ug/ml
13) T n-Docosane (C22)	13.293	3156634	20.602 ug/ml
14) T n-Tetracosane (C24)	14.390	3077930	19.878 ug/ml
15) T n-Hexacosane (C26)	15.406	2937489	19.060 ug/ml
16) T n-Octacosane (C28)	16.351	2872758	18.557 ug/ml
17) T n-Tricontane (C30)	17.234	2790809	18.374 ug/ml
18) T n-Dotriacontane (C32)	18.063	2603342	18.476 ug/ml
19) T n-Tetratriacontane (C34)	18.844	2337806	18.497 ug/ml
20) T n-Hexatriacontane (C36)	19.581	2071938	18.943 ug/ml
21) T n-Octatriacontane (C38)	20.276	1903490	20.439 ug/mlm
22) T n-Tetracontane (C40)	21.016	1830504	21.915 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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