

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060222AL\
 Data File : FC060070.D
 Signal(s) : FID1A.CH
 Acq On : 03 Jun 2022 2:37
 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 06/03/2022
 Supervised By :Ankita Jodhani 06/03/2022

Integration File: sample.E
 Quant Time: Jun 03 03:35:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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)	10.650	3205461	20.598 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
12) S 1-chlorooctadecane (S...	12.019	2544870	20.525 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
Target Compounds			
1) T n-Nonane (C9)	2.632	2685003	20.979 ug/ml
2) T n-Decane (C10)	3.629	2702960	21.128 ug/ml
3) T A~Naphthalene (C11.7)	5.165	3135550	21.693 ug/ml
4) T n-Dodecane (C12)	5.580	2838161	21.291 ug/ml
5) T A~2-methylnaphthalene...	6.189	3192526	21.752 ug/ml
6) T n-Tetradecane (C14)	7.331	2902071	21.258 ug/ml
7) T n-Hexadecane (C16)	8.895	2964938	21.132 ug/ml
8) T n-Octadecane (C18)	10.304	2985700	20.863 ug/ml
10) T n-Eicosane (C20)	11.584	2942765	20.626 ug/ml
11) T n-Heneicosane (C21)	12.181	2948546	20.571 ug/ml
13) T n-Docosane (C22)	12.755	2917298	20.473 ug/ml
14) T n-Tetracosane (C24)	13.832	2822314	20.112 ug/ml
15) T n-Hexacosane (C26)	14.830	2694846	19.901 ug/ml
16) T n-Octacosane (C28)	15.759	2598839	19.955 ug/ml
17) T n-Tricontane (C30)	16.625	2529721	20.663 ug/ml
18) T n-Dotriacontane (C32)	17.437	2363280	21.196 ug/mlm
19) T n-Tetratriacontane (C34)	18.203	2184198	21.415 ug/mlm
20) T n-Hexatriacontane (C36)	18.925	2061906	21.773 ug/mlm
21) T n-Octatriacontane (C38)	19.609	1984649	21.511 ug/mlm
22) T n-Tetracontane (C40)	20.257	2099915	22.319 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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