

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061022AL\
 Data File : FC060192.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jun 2022 15:45
 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 06/13/2022
 Supervised By :Ankita Jodhani 06/13/2022

Integration File: autoint1.e
 Quant Time: Jun 10 23:05:41 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)	10.647	2765771	17.772 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
12) S 1-chlorooctadecane (S...	12.016	2229052	17.978 ug/ml
Spiked Amount 50.000		Recovery =	35.96%
Target Compounds			
1) T n-Nonane (C9)	2.631	2280844	17.821 ug/ml
2) T n-Decane (C10)	3.628	2317431	18.115 ug/ml
3) T A~Naphthalene (C11.7)	5.169	2594824	17.952 ug/ml
4) T n-Dodecane (C12)	5.579	2436920	18.281 ug/ml
5) T A~2-methylnaphthalene...	6.194	2644072	18.015 ug/ml
6) T n-Tetradecane (C14)	7.330	2479169	18.161 ug/ml
7) T n-Hexadecane (C16)	8.892	2564204	18.276 ug/ml
8) T n-Octadecane (C18)	10.301	2617493	18.290 ug/ml
10) T n-Eicosane (C20)	11.579	2606046	18.266 ug/ml
11) T n-Heneicosane (C21)	12.178	2596236	18.113 ug/ml
13) T n-Docosane (C22)	12.751	2636558	18.502 ug/mlm
14) T n-Tetracosane (C24)	13.828	2632379	18.758 ug/ml
15) T n-Hexacosane (C26)	14.826	2532911	18.705 ug/ml
16) T n-Octacosane (C28)	15.754	2531302	19.436 ug/ml
17) T n-Tricontane (C30)	16.621	2547980	20.812 ug/ml
18) T n-Dotriacontane (C32)	17.433	2425224	21.752 ug/ml
19) T n-Tetratriacontane (C34)	18.197	2156368	21.142 ug/ml
20) T n-Hexatriacontane (C36)	18.918	1927673	20.356 ug/ml
21) T n-Octatriacontane (C38)	19.600	1828400	19.817 ug/ml
22) T n-Tetracontane (C40)	20.249	1825654	19.404 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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