

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051122AL\
 Data File : FC059689.D
 Signal(s) : FID1A.CH
 Acq On : 11 May 2022 11:09
 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 05/12/2022
 Supervised By :mohammad ahmed 05/12/2022

Integration File: sample.E
 Quant Time: May 12 02:10:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.661	3066286	20.881 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
12) S 1-chlorooctadecane (S...	12.030	2437811	21.184 ug/ml
Spiked Amount 50.000		Recovery =	42.37%
Target Compounds			
1) T n-Nonane (C9)	2.637	2592084	20.298 ug/ml
2) T n-Decane (C10)	3.637	2632508	20.786 ug/ml
3) T A~Naphthalene (C11.7)	5.174	3030744	20.583 ug/ml
4) T n-Dodecane (C12)	5.591	2725444	20.724 ug/ml
5) T A~2-methylnaphthalene...	6.198	3096364	20.599 ug/ml
6) T n-Tetradecane (C14)	7.343	2784318	20.692 ug/ml
7) T n-Hexadecane (C16)	8.906	2846562	20.745 ug/ml
8) T n-Octadecane (C18)	10.315	2874759	20.861 ug/ml
10) T n-Eicosane (C20)	11.595	2839758	21.114 ug/ml
11) T n-Heneicosane (C21)	12.192	2824437	21.172 ug/ml
13) T n-Docosane (C22)	12.765	2817791	21.470 ug/ml
14) T n-Tetracosane (C24)	13.843	2797961	22.238 ug/ml
15) T n-Hexacosane (C26)	14.840	2619287	21.932 ug/ml
16) T n-Octacosane (C28)	15.768	2533974	22.258 ug/ml
17) T n-Tricontane (C30)	16.636	2480261	22.563 ug/ml
18) T n-Dotriacontane (C32)	17.449	2323056	22.471 ug/mlm
19) T n-Tetratriacontane (C34)	18.212	2150370	22.025 ug/mlm
20) T n-Hexatriacontane (C36)	18.936	1997325	21.515 ug/mlm
21) T n-Octatriacontane (C38)	19.616	1935926	20.337 ug/mlm
22) T n-Tetracontane (C40)	20.266	1975195	20.865 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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