

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120221AL\
 Data File : FC057177.D
 Signal(s) : FID1A.CH
 Acq On : 02 Dec 2021 23:53
 Operator : AJ\MA
 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 :Ankita Jodhani 12/06/2021
 Supervised By :mohammad ahmed 12/06/2021

Integration File: sample.E
 Quant Time: Dec 03 00:53:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 2021
 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)	11.592	2121453	18.281 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
12) S 1-chlorooctadecane (S...	13.025	1646919	18.091 ug/ml
Spiked Amount 50.000		Recovery =	36.18%
Target Compounds			
1) T n-Nonane (C9)	3.352	1983161	19.571 ug/ml
2) T n-Decane (C10)	4.420	1989845	19.871 ug/ml
3) T A~Naphthalene (C11.7)	6.010	2195195	19.659 ug/ml
4) T n-Dodecane (C12)	6.437	2017850	19.902 ug/ml
5) T A~2-methylnaphthalene...	7.067	2197639	19.931 ug/ml
6) T n-Tetradecane (C14)	8.232	2013958	19.877 ug/ml
7) T n-Hexadecane (C16)	9.832	2006990	19.558 ug/ml
8) T n-Octadecane (C18)	11.272	2044147	19.079 ug/ml
10) T n-Eicosane (C20)	12.580	1978516	18.499 ug/ml
11) T n-Heneicosane (C21)	13.192	1969667	18.188 ug/ml
13) T n-Docosane (C22)	13.776	1923913	17.958 ug/ml
14) T n-Tetracosane (C24)	14.876	1864899	17.227 ug/ml
15) T n-Hexacosane (C26)	15.895	1783153	16.740 ug/ml
16) T n-Octacosane (C28)	16.842	1747693	16.385 ug/ml
17) T n-Tricontane (C30)	17.727	1713666	16.078 ug/ml
18) T n-Dotriacontane (C32)	18.558	1695102	16.070 ug/ml
19) T n-Tetratriacontane (C34)	19.337	1701643	16.380 ug/mlm
20) T n-Hexatriacontane (C36)	20.073	1688549	16.717 ug/mlm
21) T n-Octatriacontane (C38)	20.807	1644132	17.911 ug/ml
22) T n-Tetracontane (C40)	21.713	1648793	18.303 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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