

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112421AL\
 Data File : FC057092.D
 Signal(s) : FID1A.CH
 Acq On : 25 Nov 2021 10:32
 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 11/26/2021
 Supervised By :mohammad ahmed 11/26/2021

Integration File: autoint1.e
 Quant Time: Nov 25 23:54:56 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)	11.595	2354114	20.286 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
12) S 1-chlorooctadecane (S...	13.028	1817655	19.966 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
Target Compounds			
1) T n-Nonane (C9)	3.356	2165884	21.374 ug/ml
2) T n-Decane (C10)	4.423	2194172	21.911 ug/ml
3) T A~Naphthalene (C11.7)	6.013	2444225	21.890 ug/ml
4) T n-Dodecane (C12)	6.441	2239028	22.083 ug/ml
5) T A~2-methylnaphthalene...	7.070	2447620	22.198 ug/ml
6) T n-Tetradecane (C14)	8.235	2226601	21.976 ug/ml
7) T n-Hexadecane (C16)	9.835	2219017	21.624 ug/ml
8) T n-Octadecane (C18)	11.275	2264562	21.137 ug/ml
10) T n-Eicosane (C20)	12.583	2193862	20.512 ug/ml
11) T n-Heneicosane (C21)	13.194	2182636	20.155 ug/ml
13) T n-Docosane (C22)	13.779	2122518	19.812 ug/ml
14) T n-Tetracosane (C24)	14.879	2078280	19.198 ug/ml
15) T n-Hexacosane (C26)	15.897	1977007	18.560 ug/ml
16) T n-Octacosane (C28)	16.844	1950140	18.283 ug/ml
17) T n-Tricontane (C30)	17.729	1966510	18.450 ug/ml
18) T n-Dotriacontane (C32)	18.559	1951538	18.502 ug/mlm
19) T n-Tetratriacontane (C34)	19.337	1955138	18.820 ug/mlm
20) T n-Hexatriacontane (C36)	20.074	1880606	18.619 ug/mlm
21) T n-Octatriacontane (C38)	20.808	1872572	20.399 ug/mlm
22) T n-Tetracontane (C40)	21.716	1877205	20.838 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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