

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057541.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2021 21:48
 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 :Yogesh Patel 12/17/2021
 Supervised By :Ankita Jodhani 12/17/2021

Integration File: sample.E
 Quant Time: Dec 17 01:32:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 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)	10.818	2722289	19.563 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
12) S 1-chlorooctadecane (S...	12.255	2082706	18.807 ug/ml
Spiked Amount 50.000		Recovery =	37.61%
Target Compounds			
1) T n-Nonane (C9)	2.685	2527773	20.460 ug/ml
2) T n-Decane (C10)	3.689	2566328	20.604 ug/ml
3) T A~Naphthalene (C11.7)	5.246	2864641	20.649 ug/mlm
4) T n-Dodecane (C12)	5.676	2571909	20.826 ug/ml
5) T A~2-methylnaphthalene...	6.293	2883268	20.618 ug/mlm
6) T n-Tetradecane (C14)	7.466	2556302	20.644 ug/ml
7) T n-Hexadecane (C16)	9.065	2551837	20.352 ug/ml
8) T n-Octadecane (C18)	10.506	2567840	19.838 ug/ml
10) T n-Eicosane (C20)	11.813	2494458	19.201 ug/ml
11) T n-Heneicosane (C21)	12.423	2475695	18.863 ug/mlm
13) T n-Docosane (C22)	13.010	2431735	18.501 ug/ml
14) T n-Tetracosane (C24)	14.113	2382973	17.917 ug/ml
15) T n-Hexacosane (C26)	15.132	2283011	17.411 ug/ml
16) T n-Octacosane (C28)	16.082	2226565	16.932 ug/ml
17) T n-Tricontane (C30)	16.966	2203278	16.121 ug/mlm
18) T n-Dotriacontane (C32)	17.800	2220031	16.558 ug/mlm
19) T n-Tetratriacontane (C34)	18.583	2188325	16.782 ug/mlm
20) T n-Hexatriacontane (C36)	19.326	2167722	18.256 ug/mlm
21) T n-Octatriacontane (C38)	20.051	2077545	18.916 ug/mlm
22) T n-Tetracontane (C40)	20.933	2077346	20.806 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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