

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051122AL\
 Data File : FC059692.D
 Signal(s) : FID1A.CH
 Acq On : 11 May 2022 13:26
 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 02:10:46 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)	10.659	2757455	18.778 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
12) S 1-chlorooctadecane (S...	12.028	2183998	18.978 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
Target Compounds			
1) T n-Nonane (C9)	2.636	2373155	18.583 ug/ml
2) T n-Decane (C10)	3.637	2415400	19.072 ug/ml
3) T A~Naphthalene (C11.7)	5.174	2758590	18.735 ug/ml
4) T n-Dodecane (C12)	5.591	2492460	18.953 ug/ml
5) T A~2-methylnaphthalene...	6.198	2822162	18.775 ug/ml
6) T n-Tetradecane (C14)	7.342	2538422	18.865 ug/ml
7) T n-Hexadecane (C16)	8.905	2579320	18.798 ug/ml
8) T n-Octadecane (C18)	10.313	2595444	18.834 ug/ml
10) T n-Eicosane (C20)	11.593	2548587	18.949 ug/ml
11) T n-Heneicosane (C21)	12.191	2526528	18.939 ug/ml
13) T n-Docosane (C22)	12.763	2530811	19.284 ug/ml
14) T n-Tetracosane (C24)	13.841	2512420	19.968 ug/ml
15) T n-Hexacosane (C26)	14.840	2354119	19.711 ug/ml
16) T n-Octacosane (C28)	15.767	2293372	20.145 ug/ml
17) T n-Tricontane (C30)	16.634	2290678	20.839 ug/ml
18) T n-Dotriacontane (C32)	17.448	2182051	21.107 ug/mlm
19) T n-Tetratriacontane (C34)	18.210	2014415	20.633 ug/mlm
20) T n-Hexatriacontane (C36)	18.934	1862563	20.063 ug/mlm
21) T n-Octatriacontane (C38)	19.617	1809050	19.004 ug/mlm
22) T n-Tetracontane (C40)	20.268	1809262	19.112 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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