

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050622AL\
 Data File : FC059619.D
 Signal(s) : FID1A.CH
 Acq On : 07 May 2022 7:25
 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 05/09/2022
 Supervised By :mohammad ahmed 05/10/2022

Integration File: autoint1.e
 Quant Time: May 09 00:14:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Thu May 05 15:50:37 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)	10.689	3259798	22.199 ug/ml
Spiked Amount 50.000		Recovery =	44.40%
12) S 1-chlorooctadecane (S...	12.057	2580296	22.422 ug/ml
Spiked Amount 50.000		Recovery =	44.84%
Target Compounds			
1) T n-Nonane (C9)	2.653	2778078	21.754 ug/ml
2) T n-Decane (C10)	3.655	2799190	22.102 ug/ml
3) T A~Naphthalene (C11.7)	5.198	3242849	22.024 ug/ml
4) T n-Dodecane (C12)	5.612	2884141	21.931 ug/ml
5) T A~2-methylnaphthalene...	6.223	3302658	21.971 ug/ml
6) T n-Tetradecane (C14)	7.365	2948097	21.909 ug/ml
7) T n-Hexadecane (C16)	8.930	3015584	21.977 ug/ml
8) T n-Octadecane (C18)	10.339	3061370	22.215 ug/ml
10) T n-Eicosane (C20)	11.620	2990382	22.234 ug/mlm
11) T n-Heneicosane (C21)	12.219	2977858	22.322 ug/ml
13) T n-Docosane (C22)	12.793	2946622	22.452 ug/ml
14) T n-Tetracosane (C24)	13.871	2846713	22.625 ug/ml
15) T n-Hexacosane (C26)	14.871	2711016	22.700 ug/ml
16) T n-Octacosane (C28)	15.799	2599932	22.837 ug/ml
17) T n-Tricontane (C30)	16.667	2494368	22.692 ug/ml
18) T n-Dotriacontane (C32)	17.480	2324400	22.484 ug/mlm
19) T n-Tetratriacontane (C34)	18.246	2179064	22.319 ug/ml
20) T n-Hexatriacontane (C36)	18.967	2054030	22.126 ug/mlm
21) T n-Octatriacontane (C38)	19.653	2029109	21.316 ug/mlm
22) T n-Tetracontane (C40)	20.303	2054043	21.698 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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