

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090122AL\
 Data File : FC061419.D
 Signal(s) : FID1A.ch
 Acq On : 02 Sep 2022 00:17
 Operator : YP/AJ
 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 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 01:28:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.580	2906305	16.417 ug/ml
Spiked Amount 50.000		Recovery =	32.83%
12) S 1-chlorooctadecane (S...	13.017	2295568	16.391 ug/ml
Spiked Amount 50.000		Recovery =	32.78%
Target Compounds			
1) T n-Nonane (C9)	3.336	2719435	17.987 ug/ml
2) T n-Decane (C10)	4.403	2750857	18.129 ug/ml
3) T A~Naphthalene (C11.7)	5.988	3080224	17.794 ug/ml
4) T n-Dodecane (C12)	6.421	2756361	17.798 ug/ml
5) T A~2-methylnaphthalene...	7.045	3087070	17.532 ug/ml
6) T n-Tetradecane (C14)	8.218	2742023	17.530 ug/ml
7) T n-Hexadecane (C16)	9.820	2716380	17.342 ug/ml
8) T n-Octadecane (C18)	11.263	2703399	17.135 ug/ml
10) T n-Eicosane (C20)	12.572	2605366	16.759 ug/ml
11) T n-Heneicosane (C21)	13.184	2569941	16.430 ug/ml
13) T n-Docosane (C22)	13.771	2549110	16.427 ug/ml
14) T n-Tetracosane (C24)	14.873	2534871	16.386 ug/ml
15) T n-Hexacosane (C26)	15.893	2457111	16.326 ug/ml
16) T n-Octacosane (C28)	16.843	2448937	16.580 ug/ml
17) T n-Tricontane (C30)	17.731	2487853	18.012 ug/ml
18) T n-Dotriacontane (C32)	18.563	2142428	19.518 ug/ml
19) T n-Tetratriacontane (C34)	19.347	1599914	20.728 ug/mlm
20) T n-Hexatriacontane (C36)	20.084	1244095	22.036 ug/mlm
21) T n-Octatriacontane (C38)	20.819	1021453	22.018 ug/mlm
22) T n-Tetracontane (C40)	21.736	935654	22.307 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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