

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031422AL\
 Data File : FC058712.D
 Signal(s) : FID1A.CH
 Acq On : 14 Mar 2022 16:17
 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 03/15/2022
 Supervised By :Ankita Jodhani 03/15/2022

Integration File: autoint1.e
 Quant Time: Mar 15 03:07:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.402	2687484	18.451 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
12) S 1-chlorooctadecane (S...	12.834	2056140	18.140 ug/ml
Spiked Amount 50.000		Recovery =	36.28%
Target Compounds			
1) T n-Nonane (C9)	3.255	2421599	20.137 ug/ml
2) T n-Decane (C10)	4.306	2415752	20.301 ug/ml
3) T A~Naphthalene (C11.7)	5.869	2549443	19.644 ug/ml
4) T n-Dodecane (C12)	6.300	2484999	20.200 ug/ml
5) T A~2-methylnaphthalene...	6.914	2556618	19.610 ug/ml
6) T n-Tetradecane (C14)	8.078	2509236	20.025 ug/ml
7) T n-Hexadecane (C16)	9.665	2515044	19.530 ug/ml
8) T n-Octadecane (C18)	11.094	2520830	19.156 ug/ml
10) T n-Eicosane (C20)	12.394	2452181	18.648 ug/ml
11) T n-Heneicosane (C21)	13.001	2431513	18.398 ug/ml
13) T n-Docosane (C22)	13.585	2395296	18.373 ug/ml
14) T n-Tetracosane (C24)	14.680	2340581	18.125 ug/ml
15) T n-Hexacosane (C26)	15.695	2261791	18.284 ug/ml
16) T n-Octacosane (C28)	16.638	2222401	18.670 ug/mlm
17) T n-Tricontane (C30)	17.522	2203229	19.573 ug/ml
18) T n-Dotriacontane (C32)	18.350	2179089	20.265 ug/mlm
19) T n-Tetratriacontane (C34)	19.131	2012962	20.776 ug/ml
20) T n-Hexatriacontane (C36)	19.865	2045005	22.668 ug/mlm
21) T n-Octatriacontane (C38)	20.571	1985984	22.821 ug/mlm
22) T n-Tetracontane (C40)	21.395	2158818	25.726 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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