

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030222AL\
 Data File : FD041351.D
 Signal(s) : FID2B.CH
 Acq On : 02 Mar 2022 13:03
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/03/2022
 Supervised By :Ankita Jodhani 03/03/2022

Integration File: autoint1.e
 Quant Time: Mar 03 01:13:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 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)	11.247	3299086	19.019 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
12) S 1-chlorooctadecane (S...	12.688	2617632	19.335 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
Target Compounds			
1) T n-Nonane (C9)	3.109	2864396	19.671 ug/ml
2) T n-Decane (C10)	4.155	2891654	20.026 ug/ml
3) T A~Naphthalene (C11.7)	5.705	3118412	19.521 ug/ml
4) T n-Dodecane (C12)	6.151	2917032	19.696 ug/ml
5) T A~2-methylnaphthalene...	6.751	3144382	19.649 ug/ml
6) T n-Tetradecane (C14)	7.929	2948523	19.695 ug/ml
7) T n-Hexadecane (C16)	9.517	2974995	19.542 ug/ml
8) T n-Octadecane (C18)	10.949	2985846	19.210 ug/ml
10) T n-Eicosane (C20)	12.250	2969786	19.130 ug/ml
11) T n-Heneicosane (C21)	12.858	2937167	18.758 ug/ml
13) T n-Docosane (C22)	13.441	2961850	18.912 ug/ml
14) T n-Tetracosane (C24)	14.537	2954997	18.839 ug/ml
15) T n-Hexacosane (C26)	15.553	2881344	18.753 ug/ml
16) T n-Octacosane (C28)	16.498	2869476	19.281 ug/ml
17) T n-Tricontane (C30)	17.381	2901654	20.622 ug/ml
18) T n-Dotriacontane (C32)	18.209	2807548	22.067 ug/ml
19) T n-Tetratriacontane (C34)	18.988	2494801	21.904 ug/ml
20) T n-Hexatriacontane (C36)	19.724	2328563	22.719 ug/ml
21) T n-Octatriacontane (C38)	20.422	2190868	23.075 ug/mlm
22) T n-Tetracontane (C40)	21.209	2110717	22.271 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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