

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF062323AL\
 Data File : FF012993.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2023 01:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :Ankita Jodhani 06/26/2023

Integration File: autoint1.e
 Quant Time: Jun 24 04:08:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 13:45:06 2023
 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)	10.873	2732040	18.516 ug/ml
Spiked Amount 50.000		Recovery =	37.03%
12) S 1-chlorooctadecane (S...	12.305	1953546	18.439 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
Target Compounds			
1) T n-Nonane (C9)	2.742	2497268	21.156 ug/ml
2) T n-Decane (C10)	3.749	2520720	21.163 ug/ml
3) T A~Naphthalene (C11.7)	5.314	2540838	20.661 ug/ml
4) T n-Dodecane (C12)	5.733	2497688	20.700 ug/ml
5) T A~2-methylnaphthalene...	6.363	2284927	20.508 ug/ml
6) T n-Tetradecane (C14)	7.520	2396706	20.445 ug/ml
7) T n-Hexadecane (C16)	9.116	2417168	19.811 ug/ml
8) T n-Octadecane (C18)	10.554	2417354	19.014 ug/ml
10) T n-Eicosane (C20)	11.860	2301963	18.449 ug/ml
11) T n-Heneicosane (C21)	12.469	2260553	18.437 ug/ml
13) T n-Docosane (C22)	13.055	2214830	18.078 ug/ml
14) T n-Tetracosane (C24)	14.155	2237219	18.228 ug/ml
15) T n-Hexacosane (C26)	15.173	2146260	17.841 ug/ml
16) T n-Octacosane (C28)	16.120	2102408	17.879 ug/ml
17) T n-Tricontane (C30)	17.006	2150182	18.055 ug/ml
18) T n-Dotriacontane (C32)	17.836	2131734	18.231 ug/ml
19) T n-Tetratriacontane (C34)	18.617	2096108	18.879 ug/ml
20) T n-Hexatriacontane (C36)	19.355	2014210	19.001 ug/mlm
21) T n-Octatriacontane (C38)	20.078	1997794	19.119 ug/ml
22) T n-Tetracontane (C40)	20.959	1874397	19.347 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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