

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073024AL\
 Data File : FC066847.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jul 2024 22:30
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :Ankita Jodhani 07/31/2024

Integration File: autoint1.e
 Quant Time: Jul 31 04:03:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 2024
 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)	11.521	2537917	16.485 ug/ml
Spiked Amount	50.000	Recovery	= 32.97%
12) S 1-chlorooctadecane (S...	12.961	1911520	17.095 ug/ml
Spiked Amount	50.000	Recovery	= 34.19%
Target Compounds			
1) T n-Nonane (C9)	3.285	2237801	15.771 ug/ml
2) T n-Decane (C10)	4.352	2382793	16.119 ug/ml
3) T A~Naphthalene (C11.7)	5.934	2538748	15.897 ug/ml
4) T n-Dodecane (C12)	6.372	2394494	15.972 ug/ml
5) T A~2-methylnaphthalene...	6.991	2434627	15.881 ug/ml
6) T n-Tetradecane (C14)	8.167	2372763	16.217 ug/ml
7) T n-Hexadecane (C16)	9.767	2467461	16.486 ug/ml
8) T n-Octadecane (C18)	11.209	2464074	16.605 ug/ml
10) T n-Eicosane (C20)	12.517	2334734	16.750 ug/ml
11) T n-Heneicosane (C21)	13.129	2272513	16.684 ug/ml
13) T n-Docosane (C22)	13.716	2265862	16.869 ug/ml
14) T n-Tetracosane (C24)	14.818	2273969	17.096 ug/ml
15) T n-Hexacosane (C26)	15.839	2258118	17.355 ug/ml
16) T n-Octacosane (C28)	16.787	2374804	18.825 ug/ml
17) T n-Tricontane (C30)	17.675	2712186	21.091 ug/ml
18) T n-Dotriacontane (C32)	18.508	2797109	22.218 ug/ml
19) T n-Tetratriacontane (C34)	19.291	2536737	20.505 ug/ml
20) T n-Hexatriacontane (C36)	20.030	2327451	20.008 ug/ml
21) T n-Octatriacontane (C38)	20.760	2157075	19.414 ug/ml
22) T n-Tetracontane (C40)	21.657	1958340	18.014 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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