

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032124AL\
 Data File : FC066072.D
 Signal(s) : FID1A.ch
 Acq On : 21 Mar 2024 09:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/22/2024
 Supervised By :Ankita Jodhani 03/22/2024

Integration File: autoint1.e
 Quant Time: Mar 22 01:06:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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)	11.472	3897155	19.941 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
12) S 1-chlorooctadecane (S...	12.899	2871496	19.696 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
Target Compounds			
1) T n-Nonane (C9)	3.275	3182044	19.046 ug/ml
2) T n-Decane (C10)	4.336	3384443	19.514 ug/ml
3) T A~Naphthalene (C11.7)	5.921	3625510	20.203 ug/ml
4) T n-Dodecane (C12)	6.345	3454621	19.604 ug/ml
5) T A~2-methylnaphthalene...	6.974	3387878	19.889 ug/ml
6) T n-Tetradecane (C14)	8.133	3378252	19.427 ug/mlm
7) T n-Hexadecane (C16)	9.724	3457643	19.354 ug/ml
8) T n-Octadecane (C18)	11.157	3520317	19.367 ug/ml
10) T n-Eicosane (C20)	12.457	3423045	19.603 ug/ml
11) T n-Heneicosane (C21)	13.065	3386780	19.534 ug/ml
13) T n-Docosane (C22)	13.647	3408265	19.817 ug/ml
14) T n-Tetracosane (C24)	14.741	3491060	20.440 ug/ml
15) T n-Hexacosane (C26)	15.755	3509821	20.844 ug/ml
16) T n-Octacosane (C28)	16.696	3589237	21.588 ug/ml
17) T n-Tricontane (C30)	17.579	3813530	22.335 ug/ml
18) T n-Dotriacontane (C32)	18.404	3821901	22.672 ug/mlm
19) T n-Tetratriacontane (C34)	19.183	3632862	22.166 ug/ml
20) T n-Hexatriacontane (C36)	19.916	3401501	21.393 ug/mlm
21) T n-Octatriacontane (C38)	20.627	3288762	20.996 ug/mlm
22) T n-Tetracontane (C40)	21.482	3484429	22.034 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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