

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032124AL\
 Data File : FC066087.D
 Signal(s) : FID1A.ch
 Acq On : 21 Mar 2024 23:56
 Operator : YP/AJ
 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 03/22/2024
 Supervised By :Ankita Jodhani 03/22/2024

Integration File: autoint1.e
 Quant Time: Mar 22 01:17:53 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)	11.471	3673161	18.795 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
12) S 1-chlorooctadecane (S...	12.897	2721567	18.668 ug/ml
Spiked Amount 50.000		Recovery =	37.34%
Target Compounds			
1) T n-Nonane (C9)	3.276	3103103	18.573 ug/ml
2) T n-Decane (C10)	4.336	3257743	18.784 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3493431	19.467 ug/ml
4) T n-Dodecane (C12)	6.345	3369921	19.123 ug/ml
5) T A~2-methylnaphthalene...	6.978	3178859	18.662 ug/ml
6) T n-Tetradecane (C14)	8.132	3155379	18.145 ug/ml
7) T n-Hexadecane (C16)	9.723	3271183	18.311 ug/ml
8) T n-Octadecane (C18)	11.155	3312324	18.223 ug/ml
10) T n-Eicosane (C20)	12.455	3223796	18.462 ug/ml
11) T n-Heneicosane (C21)	13.062	3216060	18.549 ug/ml
13) T n-Docosane (C22)	13.645	3255317	18.928 ug/ml
14) T n-Tetracosane (C24)	14.739	3377703	19.776 ug/ml
15) T n-Hexacosane (C26)	15.752	3413963	20.274 ug/ml
16) T n-Octacosane (C28)	16.695	3499710	21.050 ug/ml
17) T n-Tricontane (C30)	17.575	3686026	21.588 ug/ml
18) T n-Dotriacontane (C32)	18.401	3653154	21.671 ug/mlm
19) T n-Tetratriacontane (C34)	19.180	3414160	20.831 ug/ml
20) T n-Hexatriacontane (C36)	19.915	3202016	20.139 ug/mlm
21) T n-Octatriacontane (C38)	20.623	3102664	19.808 ug/ml
22) T n-Tetracontane (C40)	21.476	3051322	19.295 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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