

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111324AL\
 Data File : FC067745.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2024 22:40
 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 11/14/2024
 Supervised By :Ankita Jodhani 11/14/2024

Integration File: autoint1.e
 Quant Time: Nov 14 01:19:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.487	2853277	19.446 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
12) S 1-chlorooctadecane (S...	12.925	2131382	19.737 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
Target Compounds			
1) T n-Nonane (C9)	3.270	2630353	19.525 ug/ml
2) T n-Decane (C10)	4.334	2678484	19.659 ug/ml
3) T A~Naphthalene (C11.7)	5.910	2905205	19.605 ug/ml
4) T n-Dodecane (C12)	6.348	2652038	19.581 ug/ml
5) T A~2-methylnaphthalene...	6.964	2765109	19.580 ug/ml
6) T n-Tetradecane (C14)	8.140	2575153	19.619 ug/ml
7) T n-Hexadecane (C16)	9.736	2608133	19.743 ug/ml
8) T n-Octadecane (C18)	11.176	2609712	19.754 ug/ml
10) T n-Eicosane (C20)	12.483	2487790	19.717 ug/ml
11) T n-Heneicosane (C21)	13.093	2438614	19.760 ug/ml
13) T n-Docosane (C22)	13.679	2432659	19.867 ug/ml
14) T n-Tetracosane (C24)	14.780	2428202	20.033 ug/ml
15) T n-Hexacosane (C26)	15.798	2384790	20.031 ug/ml
16) T n-Octacosane (C28)	16.747	2412653	20.508 ug/ml
17) T n-Tricontane (C30)	17.632	2570819	21.269 ug/ml
18) T n-Dotriacontane (C32)	18.464	2559373	21.631 ug/mlm
19) T n-Tetratriacontane (C34)	19.244	2264602	21.624 ug/ml
20) T n-Hexatriacontane (C36)	19.983	1929624	21.198 ug/ml
21) T n-Octatriacontane (C38)	20.704	1815629	20.965 ug/mlm
22) T n-Tetracontane (C40)	21.583	1683528	19.804 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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