

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100624AL\
 Data File : FC067368.D
 Signal(s) : FID1A.ch
 Acq On : 04 Oct 2024 20:41
 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 10/07/2024
 Supervised By :Ankita Jodhani 10/07/2024

Integration File: autoint1.e
 Quant Time: Oct 05 02:51:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.499	2935417	19.291 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
12) S 1-chlorooctadecane (S...	12.936	2199163	19.428 ug/ml
Spiked Amount 50.000		Recovery =	38.86%
Target Compounds			
1) T n-Nonane (C9)	3.276	2525173	19.921 ug/ml
2) T n-Decane (C10)	4.341	2590550	20.153 ug/ml
3) T A~Naphthalene (C11.7)	5.919	2846057	20.063 ug/ml
4) T n-Dodecane (C12)	6.357	2606001	20.083 ug/ml
5) T A~2-methylnaphthalene...	6.974	2754788	20.080 ug/ml
6) T n-Tetradecane (C14)	8.149	2576064	20.001 ug/ml
7) T n-Hexadecane (C16)	9.747	2633129	19.780 ug/ml
8) T n-Octadecane (C18)	11.187	2661492	19.627 ug/ml
10) T n-Eicosane (C20)	12.494	2547867	19.513 ug/ml
11) T n-Heneicosane (C21)	13.105	2498846	19.483 ug/ml
13) T n-Docosane (C22)	13.690	2484016	19.454 ug/ml
14) T n-Tetracosane (C24)	14.792	2475506	19.356 ug/ml
15) T n-Hexacosane (C26)	15.810	2443770	19.382 ug/ml
16) T n-Octacosane (C28)	16.759	2485235	19.782 ug/ml
17) T n-Tricontane (C30)	17.644	2678942	20.795 ug/ml
18) T n-Dotriacontane (C32)	18.476	2667032	21.349 ug/ml
19) T n-Tetratriacontane (C34)	19.259	2317918	21.211 ug/ml
20) T n-Hexatriacontane (C36)	19.997	1940338	20.529 ug/ml
21) T n-Octatriacontane (C38)	20.719	1798614	20.509 ug/mlm
22) T n-Tetracontane (C40)	21.606	1760876	20.464 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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