

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110323AL\
 Data File : FC065007.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2023 23:56
 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 11/06/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e
 Quant Time: Nov 04 02:42:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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)	11.509	4503476	20.463 ug/ml
Spiked Amount 50.000		Recovery =	40.93%
12) S 1-chlorooctadecane (S...	12.942	3282803	20.766 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
Target Compounds			
1) T n-Nonane (C9)	3.309	3958689	20.938 ug/ml
2) T n-Decane (C10)	4.369	3986072	20.963 ug/ml
3) T A~Naphthalene (C11.7)	5.949	4119843	21.338 ug/ml
4) T n-Dodecane (C12)	6.379	4015216	20.785 ug/ml
5) T A~2-methylnaphthalene...	7.002	3926498	21.367 ug/ml
6) T n-Tetradecane (C14)	8.167	3911966	20.732 ug/ml
7) T n-Hexadecane (C16)	9.761	3930222	20.792 ug/ml
8) T n-Octadecane (C18)	11.196	3899622	20.663 ug/ml
10) T n-Eicosane (C20)	12.499	3701955	20.591 ug/ml
11) T n-Heneicosane (C21)	13.108	3607564	20.548 ug/ml
13) T n-Docosane (C22)	13.691	3522546	20.507 ug/ml
14) T n-Tetracosane (C24)	14.788	3388537	20.345 ug/ml
15) T n-Hexacosane (C26)	15.804	3253724	20.271 ug/ml
16) T n-Octacosane (C28)	16.750	3157529	20.176 ug/ml
17) T n-Tricontane (C30)	17.633	3183904	20.101 ug/ml
18) T n-Dotriacontane (C32)	18.462	3167664	20.062 ug/ml
19) T n-Tetratriacontane (C34)	19.242	3067922	20.099 ug/ml
20) T n-Hexatriacontane (C36)	19.979	3034176	20.110 ug/mlm
21) T n-Octatriacontane (C38)	20.698	3033334	20.383 ug/ml
22) T n-Tetracontane (C40)	21.577	3343173	22.730 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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