

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090622AL\
 Data File : FC061439.D
 Signal(s) : FID1A.ch
 Acq On : 06 Sep 2022 12:17
 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 09/07/2022
 Supervised By :Ankita Jodhani 09/07/2022

Integration File: autoint1.e
 Quant Time: Sep 07 02:11:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 2022
 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)	11.583	2967770	16.764 ug/ml
Spiked Amount 50.000		Recovery =	33.53%
12) S 1-chlorooctadecane (S...	13.021	2336339	16.682 ug/ml
Spiked Amount 50.000		Recovery =	33.36%
Target Compounds			
1) T n-Nonane (C9)	3.334	2683535	17.749 ug/ml
2) T n-Decane (C10)	4.404	2770141	18.256 ug/ml
3) T A~Naphthalene (C11.7)	5.992	3126376	18.061 ug/ml
4) T n-Dodecane (C12)	6.424	2795258	18.049 ug/ml
5) T A~2-methylnaphthalene...	7.049	3146651	17.870 ug/ml
6) T n-Tetradecane (C14)	8.222	2787760	17.823 ug/ml
7) T n-Hexadecane (C16)	9.824	2768946	17.678 ug/ml
8) T n-Octadecane (C18)	11.266	2747200	17.413 ug/ml
10) T n-Eicosane (C20)	12.576	2662877	17.129 ug/ml
11) T n-Heneicosane (C21)	13.188	2623771	16.774 ug/ml
13) T n-Docosane (C22)	13.775	2599424	16.751 ug/ml
14) T n-Tetracosane (C24)	14.877	2588255	16.731 ug/ml
15) T n-Hexacosane (C26)	15.898	2506427	16.654 ug/ml
16) T n-Octacosane (C28)	16.847	2533162	17.150 ug/ml
17) T n-Tricontane (C30)	17.735	2578537	18.669 ug/ml
18) T n-Dotriacontane (C32)	18.567	2259320	20.583 ug/ml
19) T n-Tetratriacontane (C34)	19.350	1680356	21.770 ug/mlm
20) T n-Hexatriacontane (C36)	20.086	1285180	22.763 ug/mlm
21) T n-Octatriacontane (C38)	20.824	1097936	23.667 ug/mlm
22) T n-Tetracontane (C40)	21.739	986350	23.516 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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