

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011022AL\
 Data File : FC057809.D
 Signal(s) : FID1A.CH
 Acq On : 11 Jan 2022 3:01
 Operator : AJ\MA
 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 01/11/2022
 Supervised By :mohammad ahmed 01/12/2022

Integration File: autoint1.e
 Quant Time: Jan 11 03:25:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.703	3936326	20.357 ug/ml
Spiked Amount 50.000		Recovery =	40.71%
12) S 1-chlorooctadecane (S...	12.143	2993283	20.309 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
Target Compounds			
1) T n-Nonane (C9)	2.634	3286365	20.551 ug/ml
2) T n-Decane (C10)	3.624	3370799	20.972 ug/ml
3) T A~Naphthalene (C11.7)	5.160	3816069	21.016 ug/ml
4) T n-Dodecane (C12)	5.595	3382804	20.975 ug/ml
5) T A~2-methylnaphthalene...	6.201	3848688	21.046 ug/ml
6) T n-Tetradecane (C14)	7.376	3490209	21.141 ug/ml
7) T n-Hexadecane (C16)	8.967	3530717	21.137 ug/ml
8) T n-Octadecane (C18)	10.401	3597170	20.903 ug/ml
10) T n-Eicosane (C20)	11.704	3509607	20.501 ug/ml
11) T n-Heneicosane (C21)	12.313	3492089	20.194 ug/ml
13) T n-Docosane (C22)	12.896	3442344	19.897 ug/ml
14) T n-Tetracosane (C24)	13.994	3406725	19.680 ug/ml
15) T n-Hexacosane (C26)	15.011	3246194	19.289 ug/ml
16) T n-Octacosane (C28)	15.956	3187283	19.477 ug/ml
17) T n-Tricontane (C30)	16.840	3228463	20.679 ug/ml
18) T n-Dotriacontane (C32)	17.670	3054542	21.908 ug/ml
19) T n-Tetratriacontane (C34)	18.452	2781973	22.383 ug/mlm
20) T n-Hexatriacontane (C36)	19.188	2529799	22.754 ug/ml
21) T n-Octatriacontane (C38)	19.892	2368048	22.701 ug/ml
22) T n-Tetracontane (C40)	20.718	2330061	24.334 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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