

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012622AL\
 Data File : FC058139.D
 Signal(s) : FID1A.CH
 Acq On : 26 Jan 2022 22:55
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2022
 Supervised By :mohammad ahmed 01/27/2022

Integration File: autoint1.e
 Quant Time: Jan 27 02:36:22 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)	10.695	4217738	21.812 ug/ml
Spiked Amount 50.000		Recovery =	43.62%
12) S 1-chlorooctadecane (S...	12.132	3218745	21.839 ug/ml
Spiked Amount 50.000		Recovery =	43.68%
Target Compounds			
1) T n-Nonane (C9)	2.627	3862234	24.152 ug/ml
2) T n-Decane (C10)	3.616	3956510	24.616 ug/ml
3) T A~Naphthalene (C11.7)	5.153	4417496	24.328 ug/ml
4) T n-Dodecane (C12)	5.587	3991965	24.752 ug/ml
5) T A~2-methylnaphthalene...	6.194	4401618	24.070 ug/ml
6) T n-Tetradecane (C14)	7.367	4068213	24.642 ug/ml
7) T n-Hexadecane (C16)	8.958	4041966	24.198 ug/ml
8) T n-Octadecane (C18)	10.391	4025258	23.391 ug/ml
10) T n-Eicosane (C20)	11.694	3831691	22.382 ug/ml
11) T n-Heneicosane (C21)	12.302	3769514	21.799 ug/ml
13) T n-Docosane (C22)	12.886	3671508	21.222 ug/ml
14) T n-Tetracosane (C24)	13.983	3579913	20.680 ug/ml
15) T n-Hexacosane (C26)	14.999	3452345	20.514 ug/ml
16) T n-Octacosane (C28)	15.946	3511211	21.456 ug/ml
17) T n-Tricontane (C30)	16.830	3661043	23.450 ug/ml
18) T n-Dotriacontane (C32)	17.659	3508676	25.165 ug/ml
19) T n-Tetratriacontane (C34)	18.441	3105297	24.985 ug/ml
20) T n-Hexatriacontane (C36)	19.177	2593701	23.329 ug/mlm
21) T n-Octatriacontane (C38)	19.882	2178708	20.886 ug/mlm
22) T n-Tetracontane (C40)	20.700	1956102	20.429 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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