

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042622AL\
 Data File : FC059449.D
 Signal(s) : FID1A.CH
 Acq On : 26 Apr 2022 20:59
 Operator : UA/NP
 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 04/27/2022
 Supervised By :mohammad ahmed 04/27/2022

Integration File: sample.E
 Quant Time: Apr 27 00:16:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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)	11.097	3207416	19.960 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
12) S 1-chlorooctadecane (S...	12.543	2534023	19.405 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
Target Compounds			
1) T n-Nonane (C9)	2.962	2673286	21.330 ug/ml
2) T n-Decane (C10)	4.002	2698781	21.602 ug/ml
3) T A~Naphthalene (C11.7)	5.551	2764629	22.538 ug/ml
4) T n-Dodecane (C12)	5.999	2864644	21.724 ug/ml
5) T A~2-methylnaphthalene...	6.599	2860303	22.664 ug/ml
6) T n-Tetradecane (C14)	7.780	2910307	21.516 ug/ml
7) T n-Hexadecane (C16)	9.372	2982682	21.238 ug/ml
8) T n-Octadecane (C18)	10.805	3017418	20.656 ug/ml
10) T n-Eicosane (C20)	12.106	2969499	19.801 ug/ml
11) T n-Heneicosane (C21)	12.715	2953503	19.417 ug/ml
13) T n-Docosane (C22)	13.298	2922488	19.073 ug/ml
14) T n-Tetracosane (C24)	14.395	2826583	18.255 ug/ml
15) T n-Hexacosane (C26)	15.411	2670396	17.327 ug/mlm
16) T n-Octacosane (C28)	16.357	2565557	16.573 ug/mlm
17) T n-Tricontane (C30)	17.241	2480567	16.331 ug/ml
18) T n-Dotriacontane (C32)	18.070	2314813	16.429 ug/ml
19) T n-Tetratriacontane (C34)	18.849	2118833	16.765 ug/ml
20) T n-Hexatriacontane (C36)	19.587	1921070	17.564 ug/ml
21) T n-Octatriacontane (C38)	20.285	1763772	18.938 ug/ml
22) T n-Tetracontane (C40)	21.025	1732459	20.741 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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