

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042822AL\
 Data File : FC059523.D
 Signal(s) : FID1A.CH
 Acq On : 28 Apr 2022 23:26
 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 04/29/2022
 Supervised By :mohammad ahmed 04/29/2022

Integration File: sample.E
 Quant Time: Apr 29 02:41:30 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)	11.093	3421061	21.290 ug/ml
Spiked Amount 50.000		Recovery =	42.58%
12) S 1-chlorooctadecane (S...	12.540	2693551	20.627 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
Target Compounds			
1) T n-Nonane (C9)	2.960	2818334	22.487 ug/ml
2) T n-Decane (C10)	3.999	2841343	22.743 ug/ml
3) T A~Naphthalene (C11.7)	5.549	3032831	24.724 ug/ml
4) T n-Dodecane (C12)	5.996	3014277	22.858 ug/ml
5) T A~2-methylnaphthalene...	6.596	3056522	24.219 ug/ml
6) T n-Tetradecane (C14)	7.778	3093911	22.873 ug/ml
7) T n-Hexadecane (C16)	9.368	3169144	22.565 ug/ml
8) T n-Octadecane (C18)	10.800	3217996	22.029 ug/ml
10) T n-Eicosane (C20)	12.103	3160906	21.077 ug/ml
11) T n-Heneicosane (C21)	12.711	3136387	20.619 ug/ml
13) T n-Docosane (C22)	13.294	3136274	20.469 ug/ml
14) T n-Tetracosane (C24)	14.391	3031668	19.579 ug/ml
15) T n-Hexacosane (C26)	15.408	2907058	18.862 ug/ml
16) T n-Octacosane (C28)	16.354	2819656	18.214 ug/mlm
17) T n-Tricontane (C30)	17.237	2746016	18.079 ug/ml
18) T n-Dotriacontane (C32)	18.065	2557391	18.150 ug/ml
19) T n-Tetratriacontane (C34)	18.845	2294249	18.153 ug/ml
20) T n-Hexatriacontane (C36)	19.583	2044171	18.689 ug/ml
21) T n-Octatriacontane (C38)	20.280	1895773	20.356 ug/mlm
22) T n-Tetracontane (C40)	21.018	1813500	21.711 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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