

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082422AL\
 Data File : FC061266.D
 Signal(s) : FID1A.ch
 Acq On : 24 Aug 2022 10:06
 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 08/25/2022
 Supervised By :Ankita Jodhani 08/25/2022

Integration File: sample.E
 Quant Time: Aug 24 13:00:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 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)	11.631	3300966	18.647 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
12) S 1-chlorooctadecane (S...	13.063	2615685	18.677 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
Target Compounds			
1) T n-Nonane (C9)	3.397	2922278	19.329 ug/ml
2) T n-Decane (C10)	4.465	2934946	19.342 ug/ml
3) T A~Naphthalene (C11.7)	6.050	3337821	19.282 ug/ml
4) T n-Dodecane (C12)	6.479	2986749	19.285 ug/ml
5) T A~2-methylnaphthalene...	7.104	3374789	19.166 ug/ml
6) T n-Tetradecane (C14)	8.272	2989987	19.116 ug/ml
7) T n-Hexadecane (C16)	9.871	2976827	19.005 ug/ml
8) T n-Octadecane (C18)	11.311	2974374	18.853 ug/ml
10) T n-Eicosane (C20)	12.618	2923232	18.804 ug/ml
11) T n-Heneicosane (C21)	13.230	2924711	18.698 ug/ml
13) T n-Docosane (C22)	13.814	2932001	18.894 ug/ml
14) T n-Tetracosane (C24)	14.915	2930378	18.942 ug/ml
15) T n-Hexacosane (C26)	15.934	2852750	18.955 ug/ml
16) T n-Octacosane (C28)	16.882	2781252	18.830 ug/ml
17) T n-Tricontane (C30)	17.768	2712612	19.640 ug/ml
18) T n-Dotriacontane (C32)	18.599	2089889	19.040 ug/mlm
19) T n-Tetratriacontane (C34)	19.380	1491304	19.321 ug/mlm
20) T n-Hexatriacontane (C36)	20.117	1121818	19.870 ug/mlm
21) T n-Octatriacontane (C38)	20.860	928140	20.007 ug/mlm
22) T n-Tetracontane (C40)	21.790	890110	21.222 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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