

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082422AL\
 Data File : FC061290.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2022 07:49
 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 25 08:14:10 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)	11.641	3174307	17.931 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
12) S 1-chlorooctadecane (S...	13.072	2514705	17.956 ug/ml
Spiked Amount 50.000		Recovery =	35.91%
Target Compounds			
1) T n-Nonane (C9)	3.412	2901617	19.192 ug/ml
2) T n-Decane (C10)	4.478	2904632	19.142 ug/ml
3) T A~Naphthalene (C11.7)	6.063	3266208	18.869 ug/ml
4) T n-Dodecane (C12)	6.490	2922465	18.870 ug/ml
5) T A~2-methylnaphthalene...	7.116	3286603	18.665 ug/ml
6) T n-Tetradecane (C14)	8.282	2908939	18.597 ug/ml
7) T n-Hexadecane (C16)	9.880	2892362	18.466 ug/ml
8) T n-Octadecane (C18)	11.320	2889198	18.313 ug/ml
10) T n-Eicosane (C20)	12.627	2826790	18.183 ug/ml
11) T n-Heneicosane (C21)	13.238	2809659	17.963 ug/ml
13) T n-Docosane (C22)	13.823	2791952	17.992 ug/ml
14) T n-Tetracosane (C24)	14.924	2787602	18.019 ug/ml
15) T n-Hexacosane (C26)	15.943	2695023	17.907 ug/ml
16) T n-Octacosane (C28)	16.890	2619111	17.732 ug/ml
17) T n-Tricontane (C30)	17.776	2496095	18.072 ug/ml
18) T n-Dotriacontane (C32)	18.607	2063770	18.802 ug/ml
19) T n-Tetratriacontane (C34)	19.389	1477060	19.136 ug/ml
20) T n-Hexatriacontane (C36)	20.127	1098427	19.456 ug/ml
21) T n-Octatriacontane (C38)	20.869	965465	20.811 ug/mlm
22) T n-Tetracontane (C40)	21.800	861131	20.531 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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