

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083022AL\
 Data File : FC061376.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2022 07:52
 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 08/31/2022
 Supervised By :Ankita Jodhani 08/31/2022

Integration File: autoint1.e
 Quant Time: Aug 31 08:22:19 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)	11.589	3576540	20.203 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
12) S 1-chlorooctadecane (S...	13.025	2824650	20.169 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	3.347	3193432	21.122 ug/ml
2) T n-Decane (C10)	4.415	3238759	21.344 ug/ml
3) T A~Naphthalene (C11.7)	6.000	3671906	21.212 ug/ml
4) T n-Dodecane (C12)	6.432	3285245	21.213 ug/ml
5) T A~2-methylnaphthalene...	7.056	3708687	21.062 ug/ml
6) T n-Tetradecane (C14)	8.229	3294907	21.065 ug/ml
7) T n-Hexadecane (C16)	9.830	3281881	20.953 ug/ml
8) T n-Octadecane (C18)	11.272	3283988	20.815 ug/ml
10) T n-Eicosane (C20)	12.581	3191419	20.529 ug/ml
11) T n-Heneicosane (C21)	13.193	3155799	20.175 ug/ml
13) T n-Docosane (C22)	13.779	3135572	20.206 ug/ml
14) T n-Tetracosane (C24)	14.882	3133166	20.253 ug/ml
15) T n-Hexacosane (C26)	15.902	3004176	19.961 ug/ml
16) T n-Octacosane (C28)	16.851	3026986	20.493 ug/ml
17) T n-Tricontane (C30)	17.737	3016895	21.843 ug/ml
18) T n-Dotriacontane (C32)	18.567	2536619	23.110 ug/mlm
19) T n-Tetratriacontane (C34)	19.349	1815569	23.522 ug/mlm
20) T n-Hexatriacontane (C36)	20.089	1375425	24.362 ug/mlm
21) T n-Octatriacontane (C38)	20.825	1155463	24.907 ug/mlm
22) T n-Tetracontane (C40)	21.742	1019311	24.302 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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