

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103122AL\
 Data File : FC062037.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2022 09:22
 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 11/01/2022
 Supervised By :Ankita Jodhani 11/01/2022

Integration File: autoint1.e
 Quant Time: Oct 31 18:27:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.585	3046020	20.492 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
12) S 1-chlorooctadecane (S...	13.020	2365711	20.306 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
Target Compounds			
1) T n-Nonane (C9)	3.350	2838202	20.178 ug/ml
2) T n-Decane (C10)	4.416	2916482	20.431 ug/ml
3) T A~Naphthalene (C11.7)	6.001	3076580	19.932 ug/ml
4) T n-Dodecane (C12)	6.431	2960616	20.394 ug/ml
5) T A~2-methylnaphthalene...	7.055	3020231	19.910 ug/ml
6) T n-Tetradecane (C14)	8.226	2968323	20.420 ug/ml
7) T n-Hexadecane (C16)	9.826	2996572	20.577 ug/ml
8) T n-Octadecane (C18)	11.268	2996088	20.728 ug/ml
10) T n-Eicosane (C20)	12.576	2926867	20.738 ug/ml
11) T n-Heneicosane (C21)	13.188	2870267	20.686 ug/ml
13) T n-Docosane (C22)	13.773	2858593	20.852 ug/mlm
14) T n-Tetracosane (C24)	14.876	2775824	21.008 ug/ml
15) T n-Hexacosane (C26)	15.895	2747892	21.808 ug/ml
16) T n-Octacosane (C28)	16.844	2754195	22.836 ug/ml
17) T n-Tricontane (C30)	17.730	2936121	24.677 ug/ml
18) T n-Dotriacontane (C32)	18.562	2984105	25.327 ug/ml
19) T n-Tetratriacontane (C34)	19.344	2761938	24.448 ug/ml
20) T n-Hexatriacontane (C36)	20.083	2618038	23.085 ug/ml
21) T n-Octatriacontane (C38)	20.819	2515469	22.356 ug/ml
22) T n-Tetracontane (C40)	21.731	2309279	20.569 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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