

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050423AL\
 Data File : FC063545.D
 Signal(s) : FID1A.ch
 Acq On : 04 May 2023 09:15
 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 05/05/2023
 Supervised By :Ankita Jodhani 05/05/2023

Integration File: autoint1.e
 Quant Time: May 05 02:09:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:33:18 2023
 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)	11.528	3460776	21.868 ug/ml
Spiked Amount 50.000		Recovery =	43.74%
12) S 1-chlorooctadecane (S...	12.964	2416350	22.374 ug/ml
Spiked Amount 50.000		Recovery =	44.75%
Target Compounds			
1) T n-Nonane (C9)	3.297	2914145	22.118 ug/ml
2) T n-Decane (C10)	4.363	2948210	22.220 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3074630	22.552 ug/ml
4) T n-Dodecane (C12)	6.382	2951226	22.271 ug/ml
5) T A~2-methylnaphthalene...	7.005	2928734	22.860 ug/ml
6) T n-Tetradecane (C14)	8.176	2890631	22.517 ug/ml
7) T n-Hexadecane (C16)	9.775	2977935	22.427 ug/ml
8) T n-Octadecane (C18)	11.214	3038760	22.317 ug/ml
10) T n-Eicosane (C20)	12.521	2918020	22.197 ug/ml
11) T n-Heneicosane (C21)	13.131	2860232	22.080 ug/ml
13) T n-Docosane (C22)	13.717	2841706	22.024 ug/ml
14) T n-Tetracosane (C24)	14.818	2926641	22.377 ug/ml
15) T n-Hexacosane (C26)	15.836	2846491	22.092 ug/ml
16) T n-Octacosane (C28)	16.783	2787846	21.901 ug/ml
17) T n-Tricontane (C30)	17.668	2834263	21.781 ug/ml
18) T n-Dotriacontane (C32)	18.498	2798484	21.718 ug/ml
19) T n-Tetratriacontane (C34)	19.280	2742368	21.884 ug/ml
20) T n-Hexatriacontane (C36)	20.018	2567112	21.680 ug/ml
21) T n-Octatriacontane (C38)	20.742	2123754	18.174 ug/mlm
22) T n-Tetracontane (C40)	21.632	1845051	16.271 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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