

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
 Data File : FC063299.D
 Signal(s) : FID1A.ch
 Acq On : 05 Apr 2023 06:42
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/05/2023
 Supervised By :Ankita Jodhani 04/05/2023

Integration File: autoint1.e
 Quant Time: Apr 05 07:21:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:18:53 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	817993	5.376 ug/ml
Spiked Amount 50.000		Recovery =	10.75%
12) S 1-chlorooctadecane (S...	12.967	564160	5.099 ug/ml
Spiked Amount 50.000		Recovery =	10.20%
Target Compounds			
1) T n-Nonane (C9)	3.297	738076	5.257 ug/ml
2) T n-Decane (C10)	4.364	703852	5.165 ug/ml
3) T A~Naphthalene (C11.7)	5.949	773052	5.113 ug/mlm
4) T n-Dodecane (C12)	6.382	685946	5.099 ug/ml
5) T A~2-methylnaphthalene...	7.005	703769	5.053 ug/mlm
6) T n-Tetradecane (C14)	8.177	711107	5.255 ug/mlm
7) T n-Hexadecane (C16)	9.776	697781	5.138 ug/ml
8) T n-Octadecane (C18)	11.216	738438	5.331 ug/ml
10) T n-Eicosane (C20)	12.523	718428	5.347 ug/ml
11) T n-Heneicosane (C21)	13.133	717988	5.335 ug/ml
13) T n-Docosane (C22)	13.718	707589	5.306 ug/ml
14) T n-Tetracosane (C24)	14.818	710618	5.285 ug/ml
15) T n-Hexacosane (C26)	15.837	709764	5.303 ug/ml
16) T n-Octacosane (C28)	16.784	727119	5.370 ug/ml
17) T n-Tricontane (C30)	17.669	767056	5.545 ug/ml
18) T n-Dotriacontane (C32)	18.499	794872	5.630 ug/ml
19) T n-Tetratriacontane (C34)	19.279	773070	5.602 ug/ml
20) T n-Hexatriacontane (C36)	20.017	696980	5.453 ug/ml
21) T n-Octatriacontane (C38)	20.743	654001	5.311 ug/ml
22) T n-Tetracontane (C40)	21.637	618347	5.255 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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