

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090722AL\
 Data File : FD043812.D
 Signal(s) : FID2B.ch
 Acq On : 07 Sep 2022 16:40
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2022
 Supervised By :Ankita Jodhani 09/08/2022

Integration File: autoint1.e
 Quant Time: Sep 07 17:09:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 16:31:27 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)	11.324	827153	4.797 ug/ml
Spiked Amount 50.000		Recovery =	9.59%
12) S 1-chlorooctadecane (S...	12.741	632923	4.700 ug/ml
Spiked Amount 50.000		Recovery =	9.40%
Target Compounds			
1) T n-Nonane (C9)	3.154	675306	4.617 ug/ml
2) T n-Decane (C10)	4.205	671895	4.550 ug/ml
3) T A~Naphthalene (C11.7)	5.792	610549	4.173 ug/mlm
4) T n-Dodecane (C12)	6.203	708801	4.677 ug/ml
5) T A~2-methylnaphthalene...	6.841	609655	4.292 ug/mlm
6) T n-Tetradecane (C14)	7.983	716720	4.690 ug/ml
7) T n-Hexadecane (C16)	9.570	727337	4.698 ug/ml
8) T n-Octadecane (C18)	11.000	764065	4.809 ug/ml
10) T n-Eicosane (C20)	12.298	791542	4.934 ug/ml
11) T n-Heneicosane (C21)	12.905	806757	5.001 ug/ml
13) T n-Docosane (C22)	13.485	801678	4.982 ug/ml
14) T n-Tetracosane (C24)	14.576	799891	5.059 ug/ml
15) T n-Hexacosane (C26)	15.588	789603	5.088 ug/ml
16) T n-Octacosane (C28)	16.527	775510	5.153 ug/ml
17) T n-Tricontane (C30)	17.407	766959	5.186 ug/ml
18) T n-Dotriacontane (C32)	18.230	734777	5.186 ug/ml
19) T n-Tetratriacontane (C34)	19.004	670660	5.165 ug/ml
20) T n-Hexatriacontane (C36)	19.734	622351	5.036 ug/ml
21) T n-Octatriacontane (C38)	20.425	580859	4.965 ug/ml
22) T n-Tetracontane (C40)	21.190	531664	4.765 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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