

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F122623AL\
 Data File : FC065522.D
 Signal(s) : FID1A.ch
 Acq On : 26 Dec 2023 14:01
 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 12/28/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e
 Quant Time: Dec 26 22:25:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 12:39:13 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)	11.496	4577946	20.004 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
12) S 1-chlorooctadecane (S...	12.927	3238618	19.813 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
Target Compounds			
1) T n-Nonane (C9)	3.298	4086537	20.551 ug/ml
2) T n-Decane (C10)	4.356	4125554	20.579 ug/ml
3) T A~Naphthalene (C11.7)	5.937	4021126	20.007 ug/ml
4) T n-Dodecane (C12)	6.366	4171532	20.405 ug/ml
5) T A~2-methylnaphthalene...	6.992	3825376	19.593 ug/ml
6) T n-Tetradecane (C14)	8.154	4034111	20.137 ug/ml
7) T n-Hexadecane (C16)	9.747	3982330	19.894 ug/ml
8) T n-Octadecane (C18)	11.182	3934173	19.992 ug/ml
10) T n-Eicosane (C20)	12.486	3732847	19.912 ug/ml
11) T n-Heneicosane (C21)	13.094	3638022	19.946 ug/ml
13) T n-Docosane (C22)	13.678	3563218	19.749 ug/ml
14) T n-Tetracosane (C24)	14.775	3462548	19.220 ug/ml
15) T n-Hexacosane (C26)	15.792	3317186	19.149 ug/ml
16) T n-Octacosane (C28)	16.737	3235259	18.865 ug/ml
17) T n-Tricontane (C30)	17.620	3275681	18.703 ug/ml
18) T n-Dotriacontane (C32)	18.448	3262749	18.705 ug/ml
19) T n-Tetratriacontane (C34)	19.228	3183641	19.241 ug/ml
20) T n-Hexatriacontane (C36)	19.965	3138217	19.437 ug/mlm
21) T n-Octatriacontane (C38)	20.681	3084688	19.450 ug/ml
22) T n-Tetracontane (C40)	21.555	3009113	18.892 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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