

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112321AL\
 Data File : FC057030.D
 Signal(s) : FID1A.CH
 Acq On : 23 Nov 2021 17:39
 Operator : AJ\MA
 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 :Ankita Jodhani 11/24/2021
 Supervised By :mohammad ahmed 11/24/2021

Integration File: autoint1.e
 Quant Time: Nov 24 02:13:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.594	2280929	19.655 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
12) S 1-chlorooctadecane (S...	13.026	1781105	19.565 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T n-Nonane (C9)	3.357	2042638	20.158 ug/ml
2) T n-Decane (C10)	4.424	2054422	20.516 ug/ml
3) T A~Naphthalene (C11.7)	6.012	2292238	20.528 ug/ml
4) T n-Dodecane (C12)	6.441	2086163	20.575 ug/ml
5) T A~2-methylnaphthalene...	7.069	2318168	21.024 ug/ml
6) T n-Tetradecane (C14)	8.235	2097140	20.698 ug/ml
7) T n-Hexadecane (C16)	9.834	2096080	20.426 ug/ml
8) T n-Octadecane (C18)	11.274	2174446	20.296 ug/ml
10) T n-Eicosane (C20)	12.581	2121187	19.832 ug/ml
11) T n-Heneicosane (C21)	13.191	2122547	19.600 ug/ml
13) T n-Docosane (C22)	13.777	2078436	19.400 ug/ml
14) T n-Tetracosane (C24)	14.876	2030930	18.760 ug/ml
15) T n-Hexacosane (C26)	15.894	1939547	18.209 ug/ml
16) T n-Octacosane (C28)	16.841	1879000	17.616 ug/ml
17) T n-Tricontane (C30)	17.726	1819574	17.071 ug/ml
18) T n-Dotriacontane (C32)	18.554	1758736	16.674 ug/ml
19) T n-Tetratriacontane (C34)	19.333	1738928	16.739 ug/mlm
20) T n-Hexatriacontane (C36)	20.071	1724395	17.072 ug/mlm
21) T n-Octatriacontane (C38)	20.802	1697451	18.491 ug/mlm
22) T n-Tetracontane (C40)	21.706	1690525	18.766 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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