

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072321AL\
 Data File : FC054850.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jul 2021 12:46
 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

mohammad
 7/26/2021 11:56:24 AM

Integration File: autoint1.e
 Quant Time: Jul 26 01:03:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 21 03:37:32 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)	11.311	2950961	21.215 ug/ml
Spiked Amount 50.000		Recovery =	42.43%
12) S 1-chlorooctadecane (S...	12.755	2318107	20.853 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
Target Compounds			
1) T n-Nonane (C9)	3.130	2468082	21.510 ug/ml
2) T n-Decane (C10)	4.182	2519564	21.680 ug/ml
3) T A~Naphthalene (C11.7)	5.748	2668687	22.180 ug/ml
4) T n-Dodecane (C12)	6.188	2620280	21.923 ug/ml
5) T A~2-methylnaphthalene...	6.800	2728371	22.341 ug/ml
6) T n-Tetradecane (C14)	7.975	2704854	21.987 ug/ml
7) T n-Hexadecane (C16)	9.570	2745202	21.776 ug/ml
8) T n-Octadecane (C18)	11.008	2812618	21.458 ug/ml
10) T n-Eicosane (C20)	12.313	2766578	20.996 ug/ml
11) T n-Heneicosane (C21)	12.924	2774552	20.833 ug/ml
13) T n-Docosane (C22)	13.508	2716663	20.515 ug/ml
14) T n-Tetracosane (C24)	14.608	2675659	20.294 ug/ml
15) T n-Hexacosane (C26)	15.627	2543053	19.772 ug/ml
16) T n-Octacosane (C28)	16.576	2425462	18.416 ug/ml
17) T n-Tricontane (C30)	17.462	2346299	16.488 ug/ml
18) T n-Dotriacontane (C32)	18.293	2265384	18.306 ug/ml
19) T n-Tetratriacontane (C34)	19.077	2197856	21.465 ug/ml
20) T n-Hexatriacontane (C36)	19.817	2141915	22.616 ug/ml
21) T n-Octatriacontane (C38)	20.522	2150901	23.100 ug/mlm
22) T n-Tetracontane (C40)	21.336	2142372	22.073 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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