

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120221AL\
 Data File : FC057160.D
 Signal(s) : FID1A.CH
 Acq On : 02 Dec 2021 11:10
 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 12/06/2021
 Supervised By :mohammad ahmed 12/06/2021

Integration File: sample.E
 Quant Time: Dec 03 00:48:50 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)	11.596	2114186	18.218 ug/ml
Spiked Amount 50.000		Recovery =	36.44%
12) S 1-chlorooctadecane (S...	13.029	1633570	17.944 ug/ml
Spiked Amount 50.000		Recovery =	35.89%
Target Compounds			
1) T n-Nonane (C9)	3.356	2023172	19.966 ug/ml
2) T n-Decane (C10)	4.423	2035449	20.326 ug/ml
3) T A~Naphthalene (C11.7)	6.013	2240890	20.069 ug/ml
4) T n-Dodecane (C12)	6.441	2057889	20.296 ug/ml
5) T A~2-methylnaphthalene...	7.071	2224339	20.173 ug/ml
6) T n-Tetradecane (C14)	8.235	2045449	20.188 ug/ml
7) T n-Hexadecane (C16)	9.835	2023991	19.724 ug/ml
8) T n-Octadecane (C18)	11.275	2054618	19.177 ug/ml
10) T n-Eicosane (C20)	12.583	1976708	18.482 ug/ml
11) T n-Heneicosane (C21)	13.194	1961780	18.115 ug/ml
13) T n-Docosane (C22)	13.780	1912450	17.851 ug/ml
14) T n-Tetracosane (C24)	14.880	1845484	17.047 ug/ml
15) T n-Hexacosane (C26)	15.899	1762135	16.543 ug/ml
16) T n-Octacosane (C28)	16.845	1730373	16.222 ug/ml
17) T n-Tricontane (C30)	17.731	1690136	15.857 ug/ml
18) T n-Dotriacontane (C32)	18.561	1666515	15.799 ug/ml
19) T n-Tetratriacontane (C34)	19.340	1697164	16.337 ug/ml
20) T n-Hexatriacontane (C36)	20.075	1683808	16.670 ug/mlm
21) T n-Octatriacontane (C38)	20.807	1654127	18.020 ug/ml
22) T n-Tetracontane (C40)	21.718	1624364	18.032 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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