

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020525AL\
 Data File : FC068197.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2025 15:58
 Operator : YP/AJ
 Sample : Q1290-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :Ankita Jodhani 02/06/2025

Integration File: autoint1.e
 Quant Time: Feb 06 04:13:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 2025
 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)	11.404	4169262	26.680 ug/ml
Spiked Amount 50.000		Recovery =	53.36%
12) S 1-chlorooctadecane (S...	12.845	3219479	27.995 ug/ml
Spiked Amount 50.000		Recovery =	55.99%
Target Compounds			
1) T n-Nonane (C9)	3.225	5000439	36.517 ug/ml
2) T n-Decane (C10)	4.276	5202713	37.475 ug/mlm
3) T A~Naphthalene (C11.7)	5.839	6042333	40.248 ug/ml
4) T n-Dodecane (C12)	6.280	5216755	37.343 ug/ml
5) T A~2-methylnaphthalene...	6.891	5412878	37.686 ug/ml
6) T n-Tetradecane (C14)	8.068	5247505	38.449 ug/ml
7) T n-Hexadecane (C16)	9.662	5111196	36.785 ug/ml
8) T n-Octadecane (C18)	11.100	4972539	35.539 ug/ml
10) T n-Eicosane (C20)	12.446	5845829	43.690 ug/ml
11) T n-Heneicosane (C21)	13.015	4782445	36.413 ug/ml
13) T n-Docosane (C22)	13.600	4707339	36.340 ug/mlm
14) T n-Tetracosane (C24)	14.658	9851546	76.734 ug/mlm
15) T n-Hexacosane (C26)	15.721	4495366	35.724 ug/ml
16) T n-Octacosane (C28)	16.667	4444165	35.533 ug/ml
17) T n-Tricontane (C30)	17.554	4359529	33.728 ug/ml
18) T n-Dotriacontane (C32)	18.384	4374678	34.994 ug/ml
19) T n-Tetratriacontane (C34)	19.167	4312595	39.756 ug/ml
20) T n-Hexatriacontane (C36)	19.906	4086835	44.161 ug/ml
21) T n-Octatriacontane (C38)	20.618	4071720	47.518 ug/mlm
22) T n-Tetracontane (C40)	21.473	4072767	50.368 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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