

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020525AL\
 Data File : FC068198.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2025 16:35
 Operator : YP/AJ
 Sample : Q1290-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
ClientSampleId :
 1MSD

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 04:13:45 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	4301527	27.527 ug/ml
Spiked Amount	50.000	Recovery	= 55.05%
12) S 1-chlorooctadecane (S...	12.846	3325967	28.921 ug/ml
Spiked Amount	50.000	Recovery	= 57.84%
Target Compounds			
1) T n-Nonane (C9)	3.225	5059240	36.947 ug/ml
2) T n-Decane (C10)	4.276	5274752	37.994 ug/mlm
3) T A~Naphthalene (C11.7)	5.840	6134009	40.859 ug/ml
4) T n-Dodecane (C12)	6.280	5306399	37.985 ug/ml
5) T A~2-methylnaphthalene...	6.891	5502320	38.308 ug/ml
6) T n-Tetradecane (C14)	8.068	5346178	39.172 ug/ml
7) T n-Hexadecane (C16)	9.663	5199295	37.419 ug/ml
8) T n-Octadecane (C18)	11.100	5041796	36.034 ug/ml
10) T n-Eicosane (C20)	12.447	5875470	43.912 ug/ml
11) T n-Heneicosane (C21)	13.015	4832091	36.791 ug/ml
13) T n-Docosane (C22)	13.601	4735002	36.554 ug/ml
14) T n-Tetracosane (C24)	14.659	9772123	76.115 ug/mlm
15) T n-Hexacosane (C26)	15.721	4480247	35.604 ug/ml
16) T n-Octacosane (C28)	16.667	4461707	35.673 ug/ml
17) T n-Tricontane (C30)	17.553	4371445	33.820 ug/ml
18) T n-Dotriacontane (C32)	18.384	4404616	35.234 ug/ml
19) T n-Tetratriacontane (C34)	19.166	4348329	40.086 ug/ml
20) T n-Hexatriacontane (C36)	19.904	4127988	44.606 ug/ml
21) T n-Octatriacontane (C38)	20.617	4121303	48.097 ug/mlm
22) T n-Tetracontane (C40)	21.472	4095664	50.652 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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