

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052125AL\
 Data File : FC068966.D
 Signal(s) : FID1A.ch
 Acq On : 21 May 2025 19:23
 Operator : YP/AJ
 Sample : Q2097-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

RBR251675MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/22/2025

Supervised By :mohammad ahmed 05/23/2025

Integration File: autoint1.e

Quant Time: May 22 07:45:55 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M

Quant Title : GC Extractables

QLast Update : Wed May 07 08:52:03 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)	11.720	6966057	61.031 ug/ml
Spiked Amount 50.000		Recovery =	122.06%
12) S 1-chlorooctadecane (S...	13.152	4606625	57.421 ug/mlm
Spiked Amount 50.000		Recovery =	114.84%
Target Compounds			
1) T n-Nonane (C9)	3.441	2435055	24.210 ug/ml
2) T n-Decane (C10)	4.517	2789487	27.995 ug/ml
3) T A~Naphthalene (C11.7)	6.113	3363687	30.506 ug/ml
4) T n-Dodecane (C12)	6.541	3103194	31.933 ug/ml
5) T A~2-methylnaphthalene...	7.172	3296530	30.713 ug/ml
6) T n-Tetradecane (C14)	8.341	3641828	39.403 ug/ml
7) T n-Hexadecane (C16)	9.947	4549946	50.812 ug/ml
8) T n-Octadecane (C18)	11.396	3985902	45.440 ug/ml
10) T n-Eicosane (C20)	12.707	5731190	67.253 ug/ml
11) T n-Heneicosane (C21)	13.317	4702574	55.754 ug/ml
13) T n-Docosane (C22)	13.902	4392086	52.500 ug/ml
14) T n-Tetracosane (C24)	14.997	7326853	88.056 ug/ml
15) T n-Hexacosane (C26)	16.023	3544214	42.777 ug/ml
16) T n-Octacosane (C28)	16.970	3435462	41.569 ug/ml
17) T n-Tricontane (C30)	17.859	3411393	40.318 ug/ml
18) T n-Dotriacontane (C32)	18.691	3432932	39.855 ug/ml
19) T n-Tetratriacontane (C34)	19.477	3540838	41.559 ug/ml
20) T n-Hexatriacontane (C36)	20.216	3521285	40.970 ug/ml
21) T n-Octatriacontane (C38)	20.989	3592086	42.822 ug/ml
22) T n-Tetracontane (C40)	21.962	3531499	43.090 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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