

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051925AL\
 Data File : FC068921.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2025 20:02
 Operator : YP/AJ
 Sample : Q2062-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

L1-WC-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/20/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File: autoint1.e

Quant Time: May 20 03:06:08 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)	11.710	3332465	29.197 ug/ml
Spiked Amount 50.000		Recovery =	58.39%
12) S 1-chlorooctadecane (S...	13.142	2508781	31.271 ug/ml
Spiked Amount 50.000		Recovery =	62.54%
Target Compounds			
1) T n-Nonane (C9)	3.444	2592298	25.773 ug/ml
2) T n-Decane (C10)	4.519	2930982	29.415 ug/ml
3) T A~Naphthalene (C11.7)	6.115	3443497	31.230 ug/ml
4) T n-Dodecane (C12)	6.543	3035151	31.233 ug/ml
5) T A~2-methylnaphthalene...	7.173	3209042	29.898 ug/ml
6) T n-Tetradecane (C14)	8.341	3020554	32.681 ug/ml
7) T n-Hexadecane (C16)	9.943	3184270	35.561 ug/ml
8) T n-Octadecane (C18)	11.386	3298400	37.602 ug/ml
10) T n-Eicosane (C20)	12.697	3400731	39.906 ug/ml
11) T n-Heneicosane (C21)	13.309	3262795	38.684 ug/ml
13) T n-Docosane (C22)	13.896	3209071	38.359 ug/ml
14) T n-Tetracosane (C24)	14.993	6667941	80.137 ug/ml
15) T n-Hexacosane (C26)	16.022	3117609	37.628 ug/mlm
16) T n-Octacosane (C28)	16.974	3109640	37.626 ug/ml
17) T n-Tricontane (C30)	17.863	3108421	36.737 ug/ml
18) T n-Dotriacontane (C32)	18.695	3125296	36.283 ug/ml
19) T n-Tetratriacontane (C34)	19.480	3212441	37.705 ug/mlm
20) T n-Hexatriacontane (C36)	20.219	3151680	36.669 ug/ml
21) T n-Octatriacontane (C38)	20.993	3201957	38.171 ug/ml
22) T n-Tetracontane (C40)	21.973	3113694	37.992 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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