

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062325AL\
 Data File : FC069251.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jun 2025 19:38
 Operator : YP/AJ
 Sample : Q2386-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SU-1-062025MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2025
 Supervised By :mohammad ahmed 06/25/2025

Integration File: autoint1.e
 Quant Time: Jun 24 01:27:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.695	4416175	25.563 ug/ml
Spiked Amount 50.000		Recovery =	51.13%
12) S 1-chlorooctadecane (S...	13.125	11569114	88.556 ug/ml
Spiked Amount 50.000		Recovery =	177.11%
Target Compounds			
1) T n-Nonane (C9)	3.409	3325987	23.386 ug/ml
2) T n-Decane (C10)	4.483	3789293	25.884 ug/ml
3) T A~Naphthalene (C11.7)	6.078	4949224	30.761 ug/ml
4) T n-Dodecane (C12)	6.508	4295046	28.364 ug/ml
5) T A~2-methylnaphthalene...	7.138	5276779	33.345 ug/ml
6) T n-Tetradecane (C14)	8.312	4885685	31.520 ug/ml
7) T n-Hexadecane (C16)	9.916	6083401	37.226 ug/mlm
8) T n-Octadecane (C18)	11.365	5295607	32.435 ug/mlm
10) T n-Eicosane (C20)	12.690	6403435	41.951 ug/ml
11) T n-Heneicosane (C21)	13.291	4729157	32.085 ug/ml
13) T n-Docosane (C22)	13.876	6503024	45.197 ug/ml
14) T n-Tetracosane (C24)	15.004	22632599	164.086 ug/mlm
15) T n-Hexacosane (C26)	16.005	4515071	34.539 ug/ml
16) T n-Octacosane (C28)	16.954	4378709	35.504 ug/mlm
17) T n-Tricontane (C30)	17.844	4274524	35.956 ug/mlm
18) T n-Dotriacontane (C32)	18.676	3765626	34.440 ug/ml
19) T n-Tetratriacontane (C34)	19.461	3793032	39.279 ug/ml
20) T n-Hexatriacontane (C36)	20.202	3559949	43.197 ug/ml
21) T n-Octatriacontane (C38)	20.973	3929142	52.578 ug/ml
22) T n-Tetracontane (C40)	21.947	3857813	54.476 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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