

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060425AL\
 Data File : FC069074.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jun 2025 19:54
 Operator : YP/AJ
 Sample : Q2185-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

TP02-MHB-WCMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File: autoint1.e

Quant Time: Jun 05 08:04:35 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M

Quant Title : GC Extractables

QLast Update : Tue May 27 01:48:55 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)	11.678	4780680	38.759 ug/ml
Spiked Amount 50.000		Recovery =	77.52%
12) S 1-chlorooctadecane (S...	13.115	3840219	42.805 ug/ml
Spiked Amount 50.000		Recovery =	85.61%
Target Compounds			
1) T n-Nonane (C9)	3.403	3260345	30.722 ug/ml
2) T n-Decane (C10)	4.479	3687173	34.815 ug/mlm
3) T A~Naphthalene (C11.7)	6.073	4426982	38.284 ug/ml
4) T n-Dodecane (C12)	6.505	3876089	36.872 ug/ml
5) T A~2-methylnaphthalene...	7.134	4164671	36.735 ug/ml
6) T n-Tetradecane (C14)	8.307	4002383	39.046 ug/ml
7) T n-Hexadecane (C16)	9.910	4366702	43.035 ug/ml
8) T n-Octadecane (C18)	11.357	4468195	44.707 ug/mlm
10) T n-Eicosane (C20)	12.669	4589524	47.121 ug/ml
11) T n-Heneicosane (C21)	13.282	4389971	45.609 ug/ml
13) T n-Docosane (C22)	13.869	4343788	45.595 ug/ml
14) T n-Tetracosane (C24)	14.964	9210837	97.829 ug/ml
15) T n-Hexacosane (C26)	15.999	4265649	45.945 ug/ml
16) T n-Octacosane (C28)	16.948	4240141	45.616 ug/ml
17) T n-Tricontane (C30)	17.840	4224725	43.663 ug/ml
18) T n-Dotriacontane (C32)	18.674	4290592	43.296 ug/ml
19) T n-Tetratriacontane (C34)	19.460	4445081	46.121 ug/ml
20) T n-Hexatriacontane (C36)	20.200	4382482	46.166 ug/ml
21) T n-Octatriacontane (C38)	20.971	4457537	48.858 ug/ml
22) T n-Tetracontane (C40)	21.937	4300233	48.736 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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