

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
 Data File : FC069039.D
 Signal(s) : FID1A.ch
 Acq On : 28 May 2025 19:46
 Operator : YP/AJ
 Sample : Q2125-05MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

GSB5MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/29/2025

Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e

Quant Time: May 29 07:41:25 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)	11.708	3569626	28.940 ug/ml
Spiked Amount 50.000		Recovery =	57.88%
12) S 1-chlorooctadecane (S...	13.139	2676937	29.839 ug/ml
Spiked Amount 50.000		Recovery =	59.68%
Target Compounds			
1) T n-Nonane (C9)	3.451	3822607	36.020 ug/ml
2) T n-Decane (C10)	4.521	3944064	37.241 ug/ml
3) T A~Naphthalene (C11.7)	6.114	4726143	40.871 ug/ml
4) T n-Dodecane (C12)	6.541	4155031	39.526 ug/ml
5) T A~2-methylnaphthalene...	7.171	4720351	41.637 ug/ml
6) T n-Tetradecane (C14)	8.340	4595913	44.837 ug/ml
7) T n-Hexadecane (C16)	9.941	4659108	45.917 ug/mlm
8) T n-Octadecane (C18)	11.384	3634750	36.368 ug/mlm
10) T n-Eicosane (C20)	12.695	3845415	39.481 ug/ml
11) T n-Heneicosane (C21)	13.306	3431957	35.656 ug/ml
13) T n-Docosane (C22)	13.892	3369132	35.364 ug/ml
14) T n-Tetracosane (C24)	14.989	7122521	75.648 ug/ml
15) T n-Hexacosane (C26)	16.020	3283888	35.371 ug/ml
16) T n-Octacosane (C28)	16.970	3260522	35.077 ug/ml
17) T n-Tricontane (C30)	17.860	3268971	33.785 ug/ml
18) T n-Dotriacontane (C32)	18.692	3311569	33.417 ug/ml
19) T n-Tetratriacontane (C34)	19.477	3495620	36.269 ug/ml
20) T n-Hexatriacontane (C36)	20.219	3499952	36.869 ug/ml
21) T n-Octatriacontane (C38)	20.990	3618681	39.663 ug/ml
22) T n-Tetracontane (C40)	21.964	3582628	40.603 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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