

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
 Data File : FC069272.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2025 17:45
 Operator : YP/AJ
 Sample : Q2363-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

GCAP1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/25/2025

Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e

Quant Time: Jun 25 00:41:03 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)	11.680	4302738	24.906 ug/ml
Spiked Amount 50.000		Recovery =	49.81%
12) S 1-chlorooctadecane (S...	13.115	3439876	26.331 ug/ml
Spiked Amount 50.000		Recovery =	52.66%
Target Compounds			
1) T n-Nonane (C9)	3.422	5181775	36.435 ug/mlm
2) T n-Decane (C10)	4.489	5633862	38.484 ug/mlm
3) T A~Naphthalene (C11.7)	6.081	6777479	42.124 ug/mlm
4) T n-Dodecane (C12)	6.510	5793128	38.257 ug/mlm
5) T A~2-methylnaphthalene...	7.140	6392161	40.393 ug/mlm
6) T n-Tetradecane (C14)	8.309	5677398	36.627 ug/mlm
7) T n-Hexadecane (C16)	9.912	5508776	33.710 ug/ml
8) T n-Octadecane (C18)	11.358	5226782	32.013 ug/ml
10) T n-Eicosane (C20)	12.671	5164018	33.831 ug/ml
11) T n-Heneicosane (C21)	13.284	4862028	32.987 ug/ml
13) T n-Docosane (C22)	13.870	4737844	32.929 ug/ml
14) T n-Tetracosane (C24)	14.968	9068396	65.746 ug/ml
15) T n-Hexacosane (C26)	15.999	4263978	32.618 ug/ml
16) T n-Octacosane (C28)	16.950	4051199	32.849 ug/ml
17) T n-Tricontane (C30)	17.839	3848973	32.376 ug/ml
18) T n-Dotriacontane (C32)	18.672	3785101	34.619 ug/ml
19) T n-Tetratriacontane (C34)	19.457	3781319	39.158 ug/ml
20) T n-Hexatriacontane (C36)	20.199	3616469	43.883 ug/ml
21) T n-Octatriacontane (C38)	20.968	3724943	49.845 ug/ml
22) T n-Tetracontane (C40)	21.937	3693685	52.159 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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