

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062625AL\
 Data File : FC069301.D
 Signal(s) : FID1A.ch
 Acq On : 26 Jun 2025 23:27
 Operator : YP/AJ
 Sample : Q2414-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

WC-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/27/2025

Supervised By :mohammad ahmed 06/30/2025

Integration File: sample.E

Quant Time: Jun 27 01:19:17 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)	11.678	4564691	26.422 ug/ml
Spiked Amount 50.000		Recovery =	52.84%
12) S 1-chlorooctadecane (S...	13.114	3705150	28.361 ug/ml
Spiked Amount 50.000		Recovery =	56.72%
Target Compounds			
1) T n-Nonane (C9)	3.411	3618310	25.442 ug/ml
2) T n-Decane (C10)	4.483	4073441	27.825 ug/ml
3) T A~Naphthalene (C11.7)	6.077	5021399	31.209 ug/ml
4) T n-Dodecane (C12)	6.506	4492604	29.669 ug/ml
5) T A~2-methylnaphthalene...	7.136	4877737	30.823 ug/ml
6) T n-Tetradecane (C14)	8.308	4834209	31.187 ug/ml
7) T n-Hexadecane (C16)	9.911	5157395	31.560 ug/ml
8) T n-Octadecane (C18)	11.356	5119726	31.357 ug/ml
10) T n-Eicosane (C20)	12.668	5118960	33.536 ug/ml
11) T n-Heneicosane (C21)	13.281	4813258	32.656 ug/ml
13) T n-Docosane (C22)	13.868	4701624	32.677 ug/ml
14) T n-Tetracosane (C24)	14.966	9201725	66.712 ug/ml
15) T n-Hexacosane (C26)	15.998	4278475	32.729 ug/ml
16) T n-Octacosane (C28)	16.947	4054493	32.876 ug/ml
17) T n-Tricontane (C30)	17.837	3928180	33.042 ug/ml
18) T n-Dotriacontane (C32)	18.669	3858823	35.293 ug/ml
19) T n-Tetratriacontane (C34)	19.455	3942947	40.831 ug/ml
20) T n-Hexatriacontane (C36)	20.197	3786724	45.948 ug/ml
21) T n-Octatriacontane (C38)	20.966	3844256	51.442 ug/ml
22) T n-Tetracontane (C40)	21.932	3814397	53.863 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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