

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060525AL\
 Data File : FC069103.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2025 05:16
 Operator : YP/AJ
 Sample : Q2219-01MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 72-11995MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/06/2025
 Supervised By :mohammad ahmed 06/09/2025

Integration File: autoint1.e
 Quant Time: Jun 06 05:42:07 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)	11.679	4568629	37.040 ug/ml
Spiked Amount 50.000		Recovery =	74.08%
12) S 1-chlorooctadecane (S...	13.115	3556374	39.641 ug/ml
Spiked Amount 50.000		Recovery =	79.28%
Target Compounds			
1) T n-Nonane (C9)	3.401	3303104	31.125 ug/ml
2) T n-Decane (C10)	4.478	3706972	35.002 ug/mlm
3) T A~Naphthalene (C11.7)	6.073	4487394	38.806 ug/ml
4) T n-Dodecane (C12)	6.505	3929179	37.377 ug/ml
5) T A~2-methylnaphthalene...	7.133	4282579	37.775 ug/ml
6) T n-Tetradecane (C14)	8.307	4096074	39.960 ug/ml
7) T n-Hexadecane (C16)	9.911	4429523	43.655 ug/ml
8) T n-Octadecane (C18)	11.357	4376908	43.793 ug/ml
10) T n-Eicosane (C20)	12.670	4587301	47.098 ug/ml
11) T n-Heneicosane (C21)	13.282	4357436	45.271 ug/ml
13) T n-Docosane (C22)	13.870	4330623	45.457 ug/ml
14) T n-Tetracosane (C24)	14.966	9310898	98.891 ug/ml
15) T n-Hexacosane (C26)	16.000	4259469	45.879 ug/ml
16) T n-Octacosane (C28)	16.951	4289284	46.145 ug/ml
17) T n-Tricontane (C30)	17.843	4270917	44.140 ug/ml
18) T n-Dotriacontane (C32)	18.676	4322199	43.615 ug/ml
19) T n-Tetratriacontane (C34)	19.461	4475917	46.441 ug/ml
20) T n-Hexatriacontane (C36)	20.204	4392269	46.269 ug/ml
21) T n-Octatriacontane (C38)	20.976	4531704	49.671 ug/ml
22) T n-Tetracontane (C40)	21.940	4409593	49.976 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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