

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
 Data File : FC070037.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 20:10
 Operator : YP/AJ
 Sample : Q3410-07MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
 Quant Time: Oct 27 07:41:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.645	3996382	22.758 ug/ml
Spiked Amount 50.000		Recovery =	45.52%
12) S 1-chlorooctadecane (S...	13.081	3489177	25.704 ug/ml
Spiked Amount 50.000		Recovery =	51.41%
Target Compounds			
1) T n-Nonane (C9)	3.395	4261935	31.037 ug/ml
2) T n-Decane (C10)	4.462	4556060	31.692 ug/ml
3) T A~Naphthalene (C11.7)	6.053	5676216	35.122 ug/ml
4) T n-Dodecane (C12)	6.479	4879889	31.837 ug/ml
5) T A~2-methylnaphthalene...	7.109	5098353	31.954 ug/ml
6) T n-Tetradecane (C14)	8.277	4989041	31.369 ug/ml
7) T n-Hexadecane (C16)	9.879	5001146	29.677 ug/ml
8) T n-Octadecane (C18)	11.324	4935289	29.009 ug/ml
10) T n-Eicosane (C20)	12.635	4774442	29.760 ug/ml
11) T n-Heneicosane (C21)	13.248	4950597	31.883 ug/ml
13) T n-Docosane (C22)	13.835	4727520	30.719 ug/ml
14) T n-Tetracosane (C24)	14.938	10704509	70.596 ug/ml
15) T n-Hexacosane (C26)	15.964	4547567	31.419 ug/ml
16) T n-Octacosane (C28)	16.915	4594684	33.222 ug/mlm
17) T n-Tricontane (C30)	17.806	4647808	34.041 ug/ml
18) T n-Dotriacontane (C32)	18.638	4566538	35.418 ug/mlm
19) T n-Tetratriacontane (C34)	19.424	4424667	38.779 ug/ml
20) T n-Hexatriacontane (C36)	20.165	3771446	38.997 ug/ml
21) T n-Octatriacontane (C38)	20.926	3678674	42.207 ug/ml
22) T n-Tetracontane (C40)	21.880	3806433	46.328 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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