

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082025AL\
 Data File : FE055407.D
 Signal(s) : FID1B.ch
 Acq On : 20 Aug 2025 13:03
 Operator : YP\AJ
 Sample : PB169321BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169321BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2025
 Supervised By :mohammad ahmed 08/22/2025

Integration File: autoint1.e
 Quant Time: Aug 21 01:18:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 13:47:09 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)	12.086	6885059	48.213 ug/ml
Spiked Amount 50.000		Recovery =	96.43%
12) S 1-chlorooctadecane (S...	13.522	5517277	51.312 ug/ml
Spiked Amount 50.000		Recovery =	102.62%
Target Compounds			
1) T n-Nonane (C9)	3.434	5425671	47.274 ug/ml
2) T n-Decane (C10)	4.686	5780875	49.623 ug/ml
3) T A~Naphthalene (C11.7)	6.401	7175230	53.455 ug/ml
4) T n-Dodecane (C12)	6.856	6157371	51.707 ug/ml
5) T A~2-methylnaphthalene...	7.502	6665357	51.121 ug/ml
6) T n-Tetradecane (C14)	8.694	6399053	52.190 ug/ml
7) T n-Hexadecane (C16)	10.309	6706824	52.461 ug/ml
8) T n-Octadecane (C18)	11.759	6821957	52.286 ug/ml
10) T n-Eicosane (C20)	13.075	7050350	56.191 ug/ml
11) T n-Heneicosane (C21)	13.689	6808906	55.237 ug/ml
13) T n-Docosane (C22)	14.277	6730451	55.113 ug/ml
14) T n-Tetracosane (C24)	15.387	13924094	114.476 ug/ml
15) T n-Hexacosane (C26)	16.410	6556614	54.800 ug/ml
16) T n-Octacosane (C28)	17.360	6558368	55.287 ug/ml
17) T n-Tricontane (C30)	18.252	6631411	53.893 ug/ml
18) T n-Dotriacontane (C32)	19.085	6526936	53.495 ug/ml
19) T n-Tetratriacontane (C34)	19.870	6425626	54.958 ug/ml
20) T n-Hexatriacontane (C36)	20.611	5693280	52.089 ug/ml
21) T n-Octatriacontane (C38)	21.392	5148417	47.639 ug/mlm
22) T n-Tetracontane (C40)	22.382	4707885	45.019 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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