

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050825AL\
 Data File : FE053730.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2025 02:03
 Operator : YP\AJ
 Sample : PB167906BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167906BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/09/2025
 Supervised By :mohammad ahmed 05/12/2025

Integration File: autoint1.e
 Quant Time: May 09 07:24:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.860	6335786	35.128 ug/ml
Spiked Amount 50.000		Recovery =	70.26%
12) S 1-chlorooctadecane (S...	13.304	5021954	37.151 ug/ml
Spiked Amount 50.000		Recovery =	74.30%
Target Compounds			
1) T n-Nonane (C9)	3.216	6046782	44.104 ug/ml
2) T n-Decane (C10)	4.474	6299079	45.535 ug/ml
3) T A~Naphthalene (C11.7)	6.182	7283321	48.251 ug/ml
4) T n-Dodecane (C12)	6.650	6486145	46.247 ug/ml
5) T A~2-methylnaphthalene...	7.283	6593885	44.164 ug/ml
6) T n-Tetradecane (C14)	8.487	6597779	47.030 ug/ml
7) T n-Hexadecane (C16)	10.098	6509775	45.420 ug/ml
8) T n-Octadecane (C18)	11.546	6457040	44.307 ug/ml
10) T n-Eicosane (C20)	12.860	6567188	45.131 ug/ml
11) T n-Heneicosane (C21)	13.473	6255728	43.189 ug/ml
13) T n-Docosane (C22)	14.060	6188846	42.888 ug/ml
14) T n-Tetracosane (C24)	15.157	12683124	88.298 ug/ml
15) T n-Hexacosane (C26)	16.191	5997122	42.344 ug/ml
16) T n-Octacosane (C28)	17.141	6196941	44.542 ug/ml
17) T n-Tricontane (C30)	18.032	5928949	42.595 ug/mlm
18) T n-Dotriacontane (C32)	18.864	5829071	42.453 ug/ml
19) T n-Tetratriacontane (C34)	19.649	5911180	45.368 ug/ml
20) T n-Hexatriacontane (C36)	20.389	5783311	45.810 ug/ml
21) T n-Octatriacontane (C38)	21.122	5794892	47.565 ug/mlm
22) T n-Tetracontane (C40)	22.023	5924226	49.608 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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