

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032725AL\
 Data File : FC068420.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 14:29
 Operator : YP/AJ
 Sample : PB167350BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167350BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/28/2025
 Supervised By :mohammad ahmed 03/31/2025

Integration File: autoint1.e
 Quant Time: Mar 28 02:47:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 13:35:27 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)	11.387	7007953	35.282 ug/ml
Spiked Amount 50.000		Recovery =	70.56%
12) S 1-chlorooctadecane (S...	12.828	5333726	35.779 ug/ml
Spiked Amount 50.000		Recovery =	71.56%
Target Compounds			
1) T n-Nonane (C9)	3.208	5586798	34.930 ug/ml
2) T n-Decane (C10)	4.259	5927515	36.565 ug/ml
3) T A~Naphthalene (C11.7)	5.821	6700219	37.924 ug/ml
4) T n-Dodecane (C12)	6.262	6177326	37.459 ug/ml
5) T A~2-methylnaphthalene...	6.871	6173173	36.292 ug/ml
6) T n-Tetradecane (C14)	8.051	6227392	37.848 ug/ml
7) T n-Hexadecane (C16)	9.644	6352454	36.965 ug/ml
8) T n-Octadecane (C18)	11.082	6307458	35.935 ug/ml
10) T n-Eicosane (C20)	12.388	6528151	38.117 ug/ml
11) T n-Heneicosane (C21)	12.998	6211620	37.031 ug/ml
13) T n-Docosane (C22)	13.582	6134739	36.365 ug/ml
14) T n-Tetracosane (C24)	14.640	12644518	73.831 ug/mlm
15) T n-Hexacosane (C26)	15.703	5934997	35.263 ug/ml
16) T n-Octacosane (C28)	16.650	5805839	34.721 ug/ml
17) T n-Tricontane (C30)	17.537	5766984	33.076 ug/ml
18) T n-Dotriacontane (C32)	18.366	5617729	33.558 ug/ml
19) T n-Tetratriacontane (C34)	19.148	5449605	36.947 ug/ml
20) T n-Hexatriacontane (C36)	19.887	5118553	41.825 ug/ml
21) T n-Octatriacontane (C38)	20.596	4968857	46.271 ug/ml
22) T n-Tetracontane (C40)	21.444	4682242	47.775 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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