

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF081823AL\  
 Data File : FF013215.D  
 Signal(s) : FID2B.ch  
 Acq On : 18 Aug 2023 18:25  
 Operator : YP\AJ  
 Sample : 04054-07MSD  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

**Instrument :**

FID\_F

**ClientSampleId :**

5MSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :Ankita Jodhani 08/21/2023

Integration File: autoint1.e

Quant Time: Aug 18 23:55:53 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 081023.M

Quant Title : GC Extractables

QLast Update : Thu Aug 10 16:05:52 2023

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)    | 11.891 | 4571559    | 33.273 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 66.55%        |
| 12) S 1-chlorooctadecane (S... | 13.328 | 2960704    | 28.253 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 56.51%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.299  | 5567953    | 52.109 ug/ml  |
| 2) T n-Decane (C10)            | 4.545  | 5914763    | 55.193 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.238  | 6777235    | 57.246 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.703  | 6166969    | 56.992 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.331  | 6646092    | 56.070 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.529  | 6167981    | 57.140 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.134 | 6280898    | 57.942 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.577 | 6597198    | 60.249 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.887 | 6619284    | 60.322 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.498 | 6516705    | 59.315 ug/ml  |
| 13) T n-Docosane (C22)         | 14.085 | 6431617    | 58.582 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.186 | 5775906    | 52.572 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.208 | 6356228    | 58.159 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.156 | 6418529    | 59.446 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.044 | 6315771    | 57.753 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.875 | 6285716    | 55.647 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.657 | 5604634    | 52.763 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.394 | 5127004    | 48.642 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.124 | 4848089    | 48.001 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.021 | 4980462    | 50.110 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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