

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD071521AL\  
 Data File : FD038209.D  
 Signal(s) : FID2B.CH  
 Acq On : 15 Jul 2021 9:55  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Manual Integrations  
 APPROVED

mohammad  
 7/16/2021 11:36:10 AM

Integration File: autoint1.e  
 Quant Time: Jul 16 04:10:23 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 070621.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 07 10:58:41 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.426 | 2614094    | 18.084 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.17%        |
| 12) S 1-chlorooctadecane (S... | 12.861 | 2011794    | 17.646 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.29%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.232  | 2470000    | 20.327 ug/ml  |
| 2) T n-Decane (C10)            | 4.290  | 2501799    | 20.454 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.864  | 2773775    | 20.291 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.298  | 2544855    | 20.432 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.916  | 2775826    | 20.153 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.086  | 2594764    | 20.188 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.679  | 2576378    | 19.881 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.115 | 2571743    | 19.096 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.418 | 2467232    | 18.369 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.027 | 2450300    | 18.035 ug/ml  |
| 13) T n-Docosane (C22)         | 13.611 | 2401331    | 17.847 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.708 | 2382155    | 17.642 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.725 | 2250669    | 17.082 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.670 | 2196873    | 16.849 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.554 | 2178564    | 17.047 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.382 | 2136599    | 17.364 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.163 | 2092106    | 17.865 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.899 | 1983303    | 18.161 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.607 | 2020299    | 20.059 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.441 | 2064932    | 21.113 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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