

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022122AL\  
 Data File : FC058394.D  
 Signal(s) : FID1A.CH  
 Acq On : 21 Feb 2022 14:18  
 Operator : YP\AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
 Quant Time: Feb 21 15:49:50 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 022122.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 21 15:39:04 2022  
 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)    | 11.403 | 73946912   | 50.728 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 101.46%      |
| 12) S 1-chlorooctadecane (S... | 12.833 | 56582719   | 50.762 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 101.52%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.368  | 62755554   | 50.636 ug/ml |
| 2) T n-Decane (C10)            | 4.340  | 63056846   | 50.221 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.857  | 71285818   | 51.068 ug/ml |
| 4) T n-Dodecane (C12)          | 6.291  | 64715702   | 50.822 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.899  | 71427574   | 51.102 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.068  | 65056324   | 50.806 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.659  | 65493415   | 50.715 ug/ml |
| 8) T n-Octadecane (C18)        | 11.096 | 65966370   | 50.707 ug/ml |
| 10) T n-Eicosane (C20)         | 12.394 | 65518315   | 50.743 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.004 | 65691866   | 50.687 ug/ml |
| 13) T n-Docosane (C22)         | 13.587 | 65619928   | 50.745 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.685 | 65439552   | 50.822 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.701 | 64722209   | 50.937 ug/ml |
| 16) T n-Octacosane (C28)       | 16.647 | 63717840   | 51.069 ug/ml |
| 17) T n-Tricontane (C30)       | 17.530 | 61852025   | 51.232 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.359 | 58094215   | 51.305 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.137 | 53563009   | 51.430 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.873 | 48870152   | 51.443 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.577 | 44089756   | 52.042 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.403 | 40045210   | 53.492 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

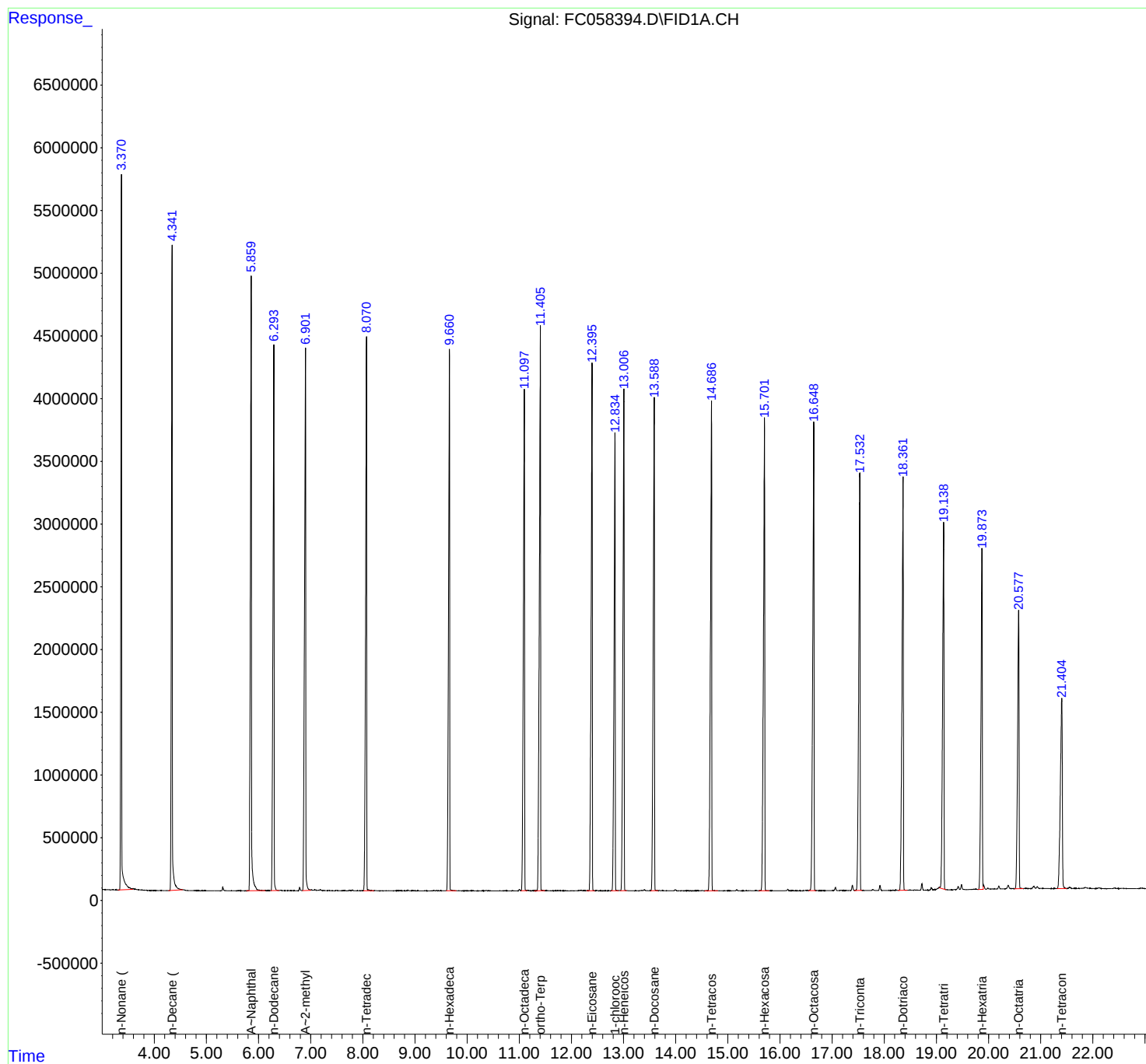
(m)=manual int.

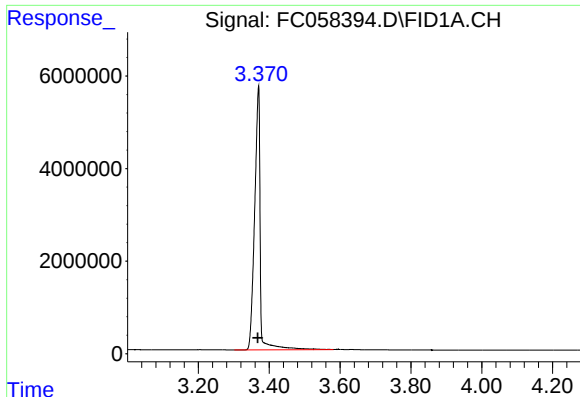
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022122AL\  
Data File : FC058394.D  
Signal(s) : FID1A.CH  
Acq On : 21 Feb 2022 14:18  
Operator : YP\AJ  
Sample : 50 PPM ALIPHATIC HC STD2  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

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50 PPM ALIPHATIC HC STD2

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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

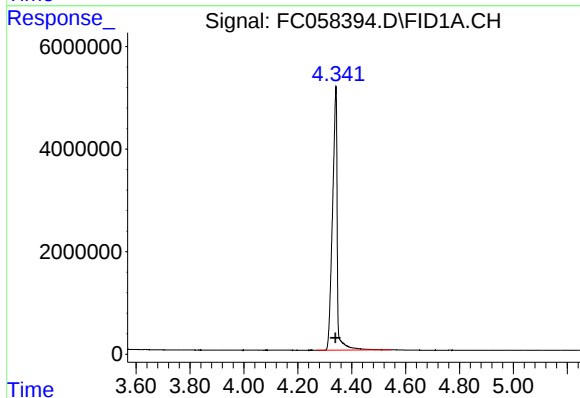




#1 n-Nonane (C9)

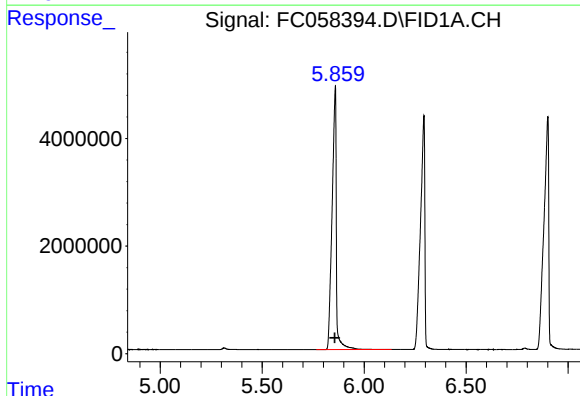
R.T.: 3.368 min  
Delta R.T.: 0.000 min  
Response: 62755554  
Conc: 50.64 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



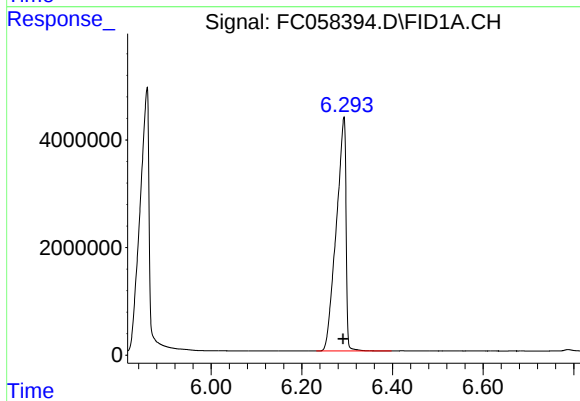
#2 n-Decane (C10)

R.T.: 4.340 min  
Delta R.T.: 0.000 min  
Response: 63056846  
Conc: 50.22 ug/ml



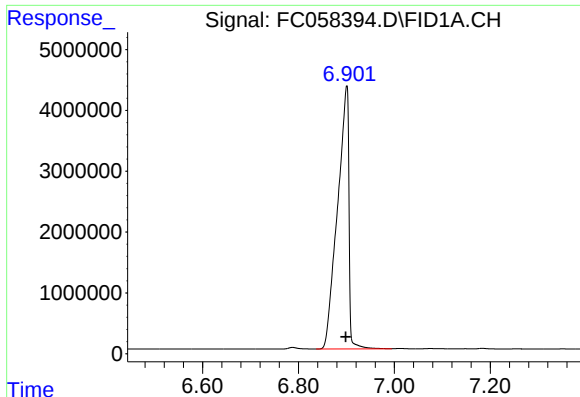
#3 A~Naphthalene (C11.7)

R.T.: 5.857 min  
Delta R.T.: 0.000 min  
Response: 71285818  
Conc: 51.07 ug/ml



#4 n-Dodecane (C12)

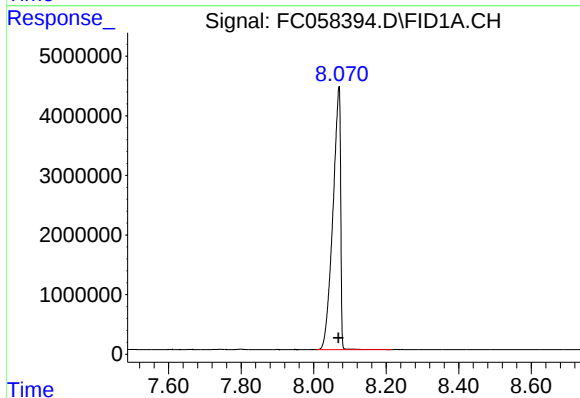
R.T.: 6.291 min  
Delta R.T.: 0.000 min  
Response: 64715702  
Conc: 50.82 ug/ml



#5 A~2-methylnaphthalene (C12.89)

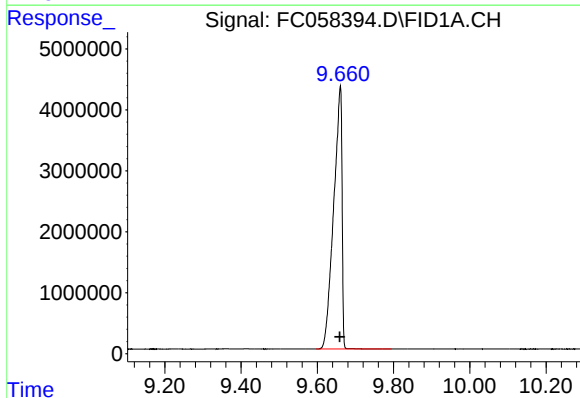
R.T.: 6.899 min  
Delta R.T.: 0.000 min  
Response: 71427574  
Conc: 51.10 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



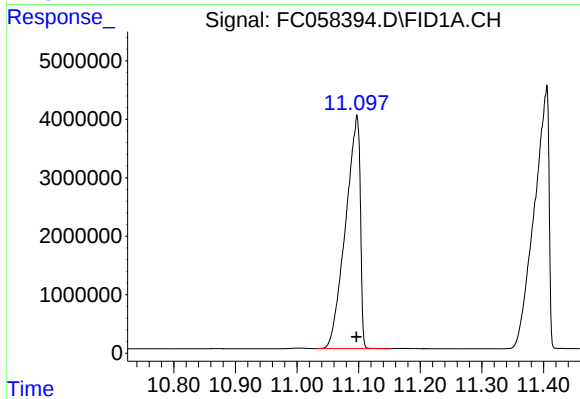
#6 n-Tetradecane (C14)

R.T.: 8.068 min  
Delta R.T.: 0.000 min  
Response: 65056324  
Conc: 50.81 ug/ml



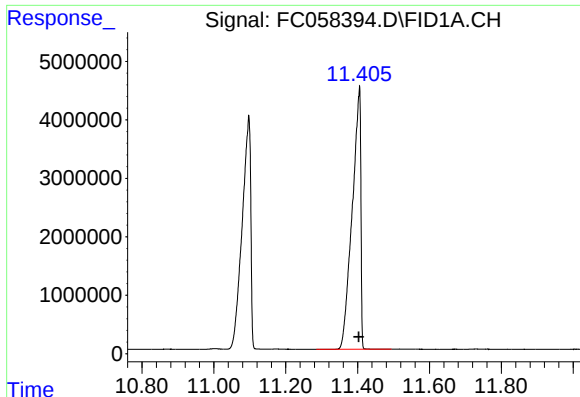
#7 n-Hexadecane (C16)

R.T.: 9.659 min  
Delta R.T.: 0.000 min  
Response: 65493415  
Conc: 50.71 ug/ml



#8 n-Octadecane (C18)

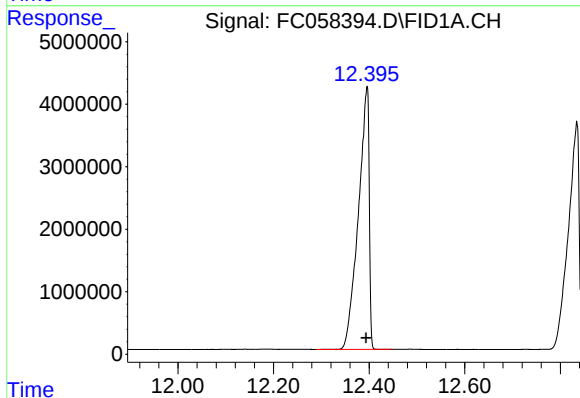
R.T.: 11.096 min  
Delta R.T.: 0.000 min  
Response: 65966370  
Conc: 50.71 ug/ml



#9 ortho-Terphenyl (SURR)

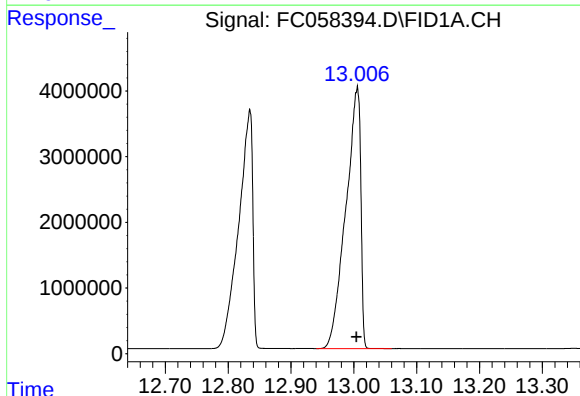
R.T.: 11.403 min  
Delta R.T.: 0.000 min  
Response: 73946912  
Conc: 50.73 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



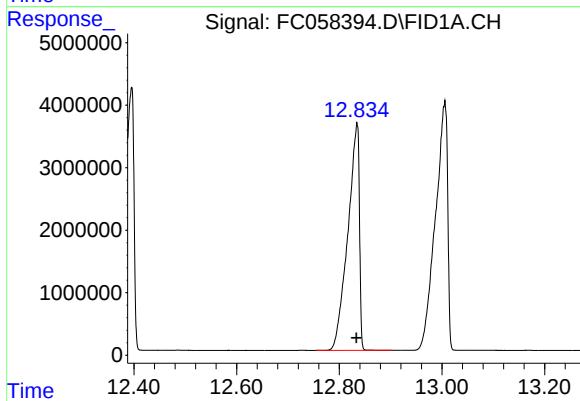
#10 n-Eicosane (C20)

R.T.: 12.394 min  
Delta R.T.: 0.000 min  
Response: 65518315  
Conc: 50.74 ug/ml



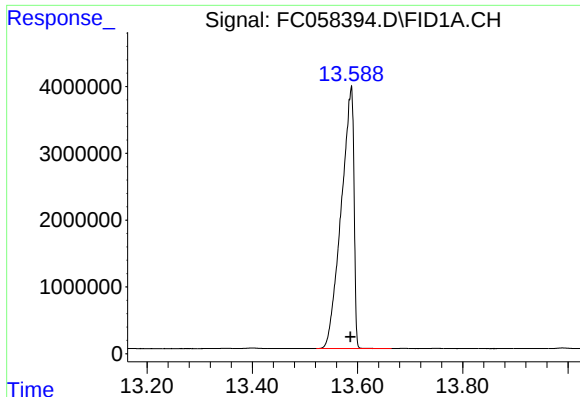
#11 n-Heneicosane (C21)

R.T.: 13.004 min  
Delta R.T.: 0.000 min  
Response: 65691866  
Conc: 50.69 ug/ml



#12 1-chlorooctadecane (SURR)

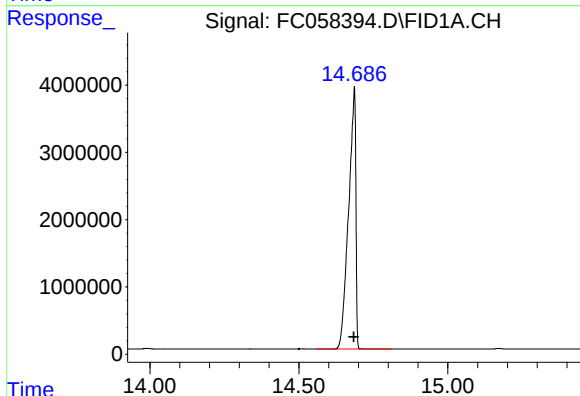
R.T.: 12.833 min  
Delta R.T.: 0.000 min  
Response: 56582719  
Conc: 50.76 ug/ml



#13 n-Docosane (C22)

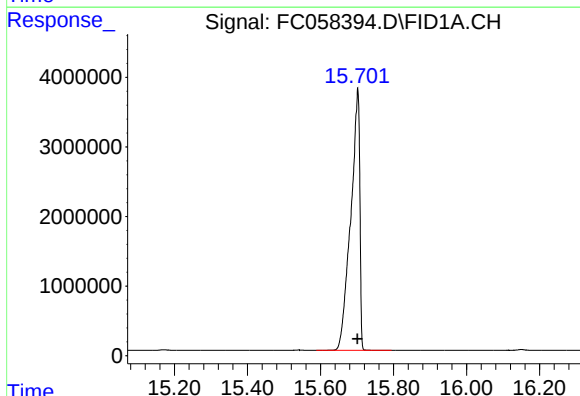
R.T.: 13.587 min  
Delta R.T.: 0.000 min  
Response: 65619928  
Conc: 50.74 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



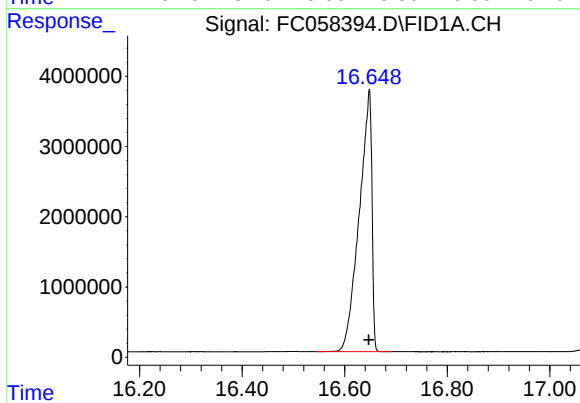
#14 n-Tetracosane (C24)

R.T.: 14.685 min  
Delta R.T.: 0.000 min  
Response: 65439552  
Conc: 50.82 ug/ml



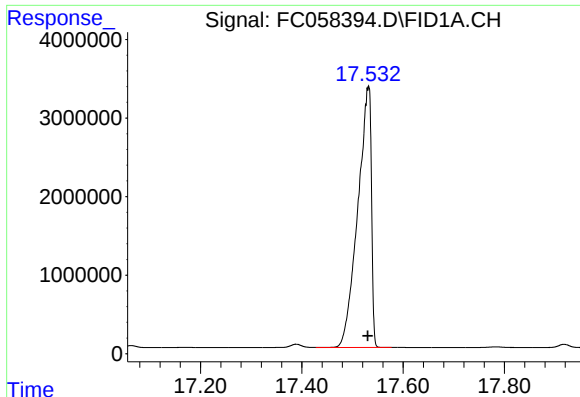
#15 n-Hexacosane (C26)

R.T.: 15.701 min  
Delta R.T.: 0.000 min  
Response: 64722209  
Conc: 50.94 ug/ml



#16 n-Octacosane (C28)

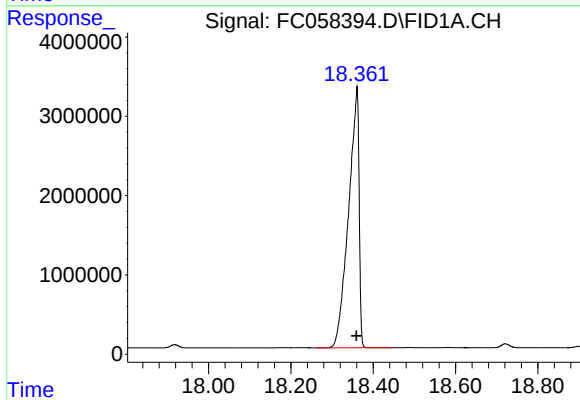
R.T.: 16.647 min  
Delta R.T.: 0.000 min  
Response: 63717840  
Conc: 51.07 ug/ml



#17 n-Tricontane (C30)

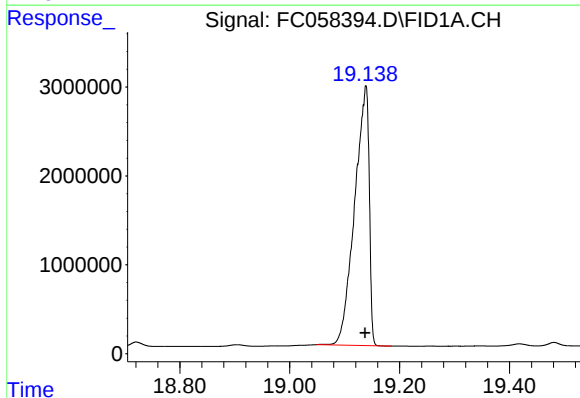
R.T.: 17.530 min  
Delta R.T.: 0.000 min  
Response: 61852025  
Conc: 51.23 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



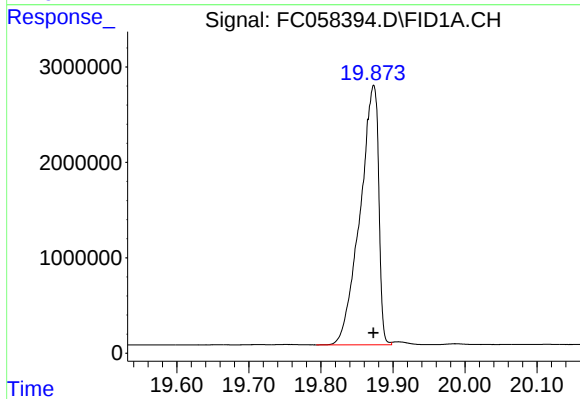
#18 n-Dotriacontane (C32)

R.T.: 18.359 min  
Delta R.T.: 0.000 min  
Response: 58094215  
Conc: 51.31 ug/ml



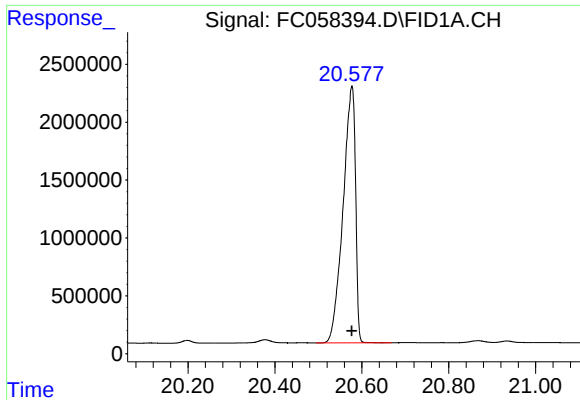
#19 n-Tetratriacontane (C34)

R.T.: 19.137 min  
Delta R.T.: 0.000 min  
Response: 53563009  
Conc: 51.43 ug/ml



#20 n-Hexatriacontane (C36)

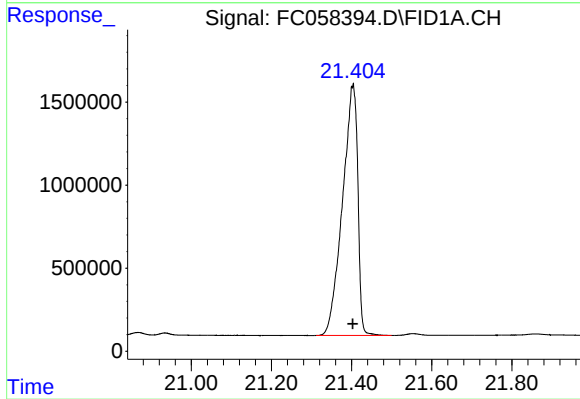
R.T.: 19.873 min  
Delta R.T.: 0.000 min  
Response: 48870152  
Conc: 51.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.577 min  
Delta R.T.: 0.000 min  
Response: 44089756  
Conc: 52.04 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.403 min  
Delta R.T.: 0.000 min  
Response: 40045210  
Conc: 53.49 ug/ml