

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022122AL\
 Data File : FC058396.D
 Signal(s) : FID1A.CH
 Acq On : 21 Feb 2022 15:39
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Feb 21 16:11:33 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)	11.376	15905882	10.859 ug/ml
Spiked Amount 50.000		Recovery =	21.72%
12) S 1-chlorooctadecane (S...	12.809	11984171	10.697 ug/ml
Spiked Amount 50.000		Recovery =	21.39%
Target Compounds			
1) T n-Nonane (C9)	3.361	13431337	10.792 ug/ml
2) T n-Decane (C10)	4.328	13992792	11.128 ug/ml
3) T A~Naphthalene (C11.7)	5.841	15165712	10.788 ug/ml
4) T n-Dodecane (C12)	6.276	13964381	10.907 ug/ml
5) T A~2-methylnaphthalene...	6.880	15038665	10.681 ug/ml
6) T n-Tetradecane (C14)	8.049	14029267	10.898 ug/ml
7) T n-Hexadecane (C16)	9.638	14161872	10.914 ug/ml
8) T n-Octadecane (C18)	11.071	14221118	10.880 ug/ml
10) T n-Eicosane (C20)	12.371	14077597	10.849 ug/ml
11) T n-Heneicosane (C21)	12.981	14073989	10.810 ug/ml
13) T n-Docosane (C22)	13.563	14006719	10.778 ug/ml
14) T n-Tetracosane (C24)	14.660	13834560	10.686 ug/ml
15) T n-Hexacosane (C26)	15.676	13464633	10.531 ug/ml
16) T n-Octacosane (C28)	16.621	13106624	10.430 ug/ml
17) T n-Tricontane (C30)	17.505	12648385	10.391 ug/ml
18) T n-Dotriacontane (C32)	18.333	11924511	10.440 ug/ml
19) T n-Tetratriacontane (C34)	19.113	10956982	10.421 ug/ml
20) T n-Hexatriacontane (C36)	19.849	9786904	10.204 ug/ml
21) T n-Octatriacontane (C38)	20.553	8745228	10.184 ug/ml
22) T n-Tetracontane (C40)	21.375	7349770	9.594 ug/ml

(f)=RT Delta > 1/2 Window

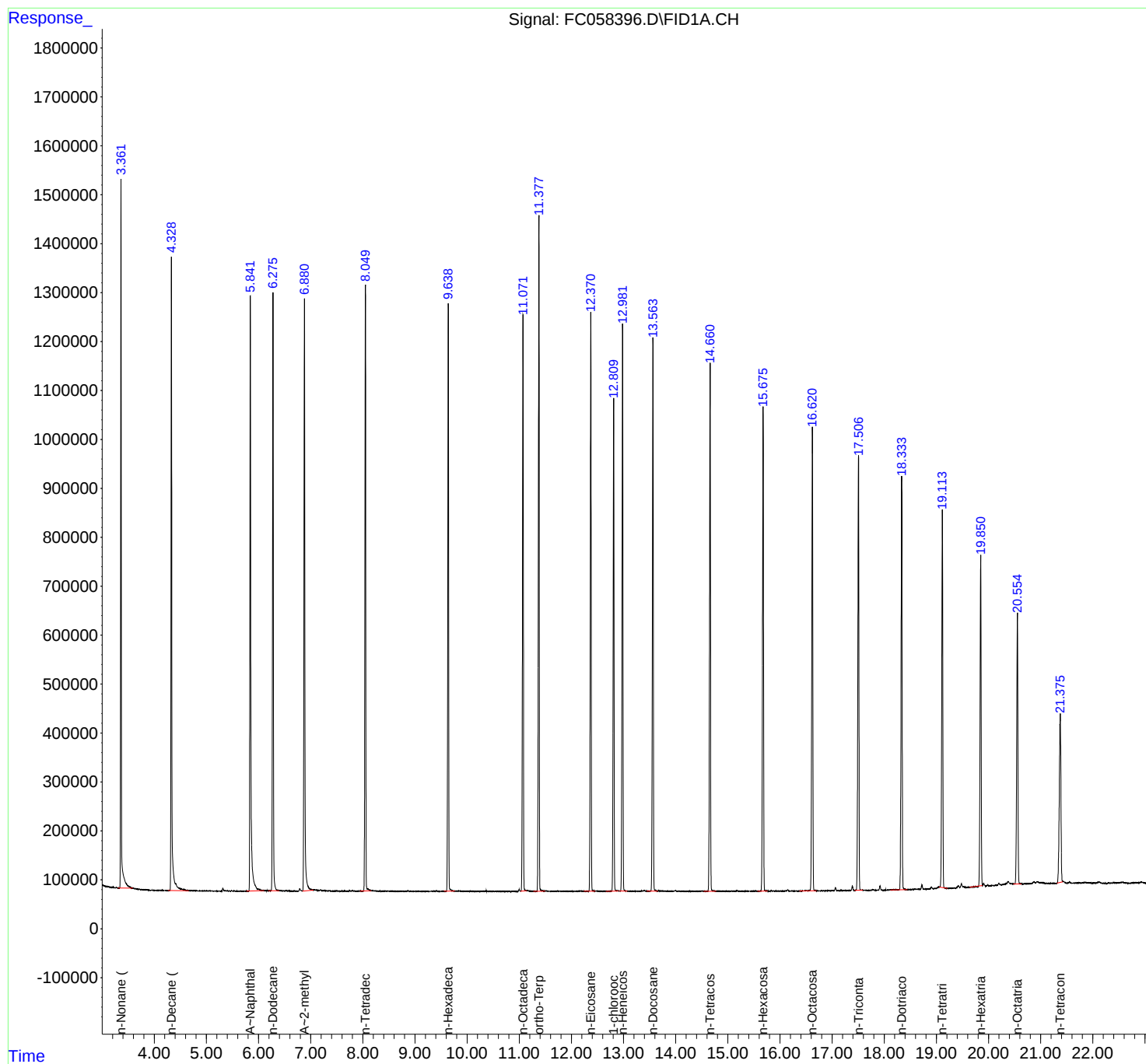
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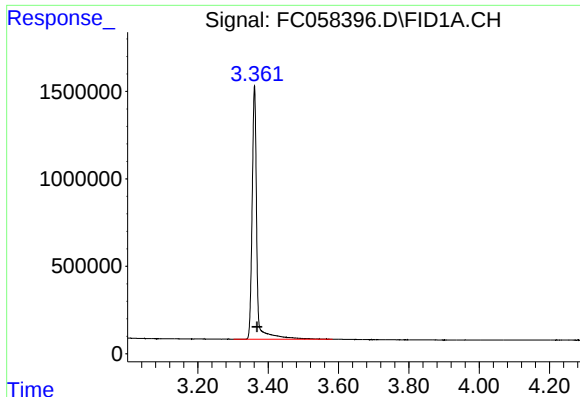
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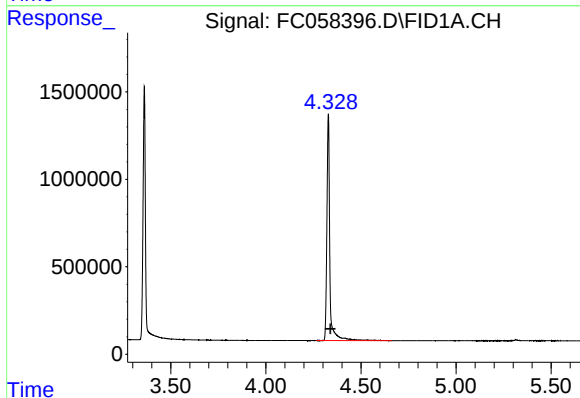




#1 n-Nonane (C9)

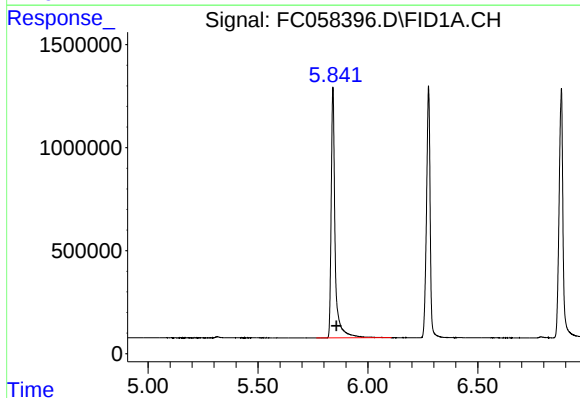
R.T.: 3.361 min
Delta R.T.: -0.007 min
Response: 13431337
Conc: 10.79 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



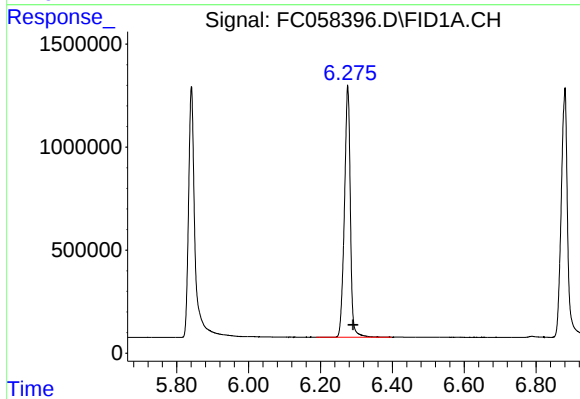
#2 n-Decane (C10)

R.T.: 4.328 min
Delta R.T.: -0.012 min
Response: 13992792
Conc: 11.13 ug/ml



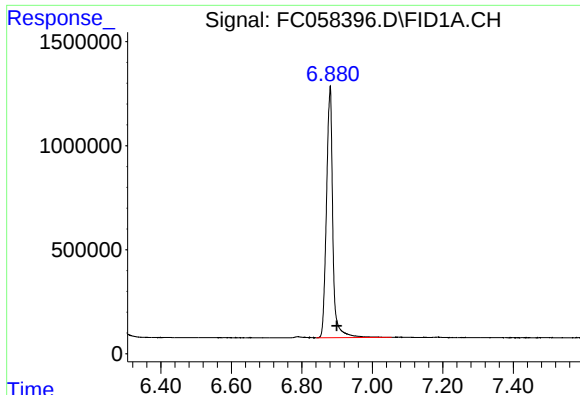
#3 A~Naphthalene (C11.7)

R.T.: 5.841 min
Delta R.T.: -0.016 min
Response: 15165712
Conc: 10.79 ug/ml



#4 n-Dodecane (C12)

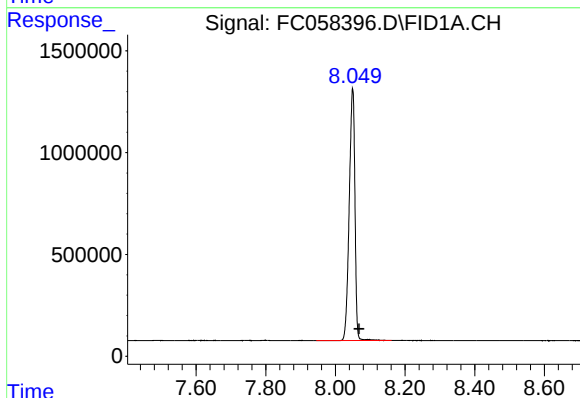
R.T.: 6.276 min
Delta R.T.: -0.015 min
Response: 13964381
Conc: 10.91 ug/ml



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

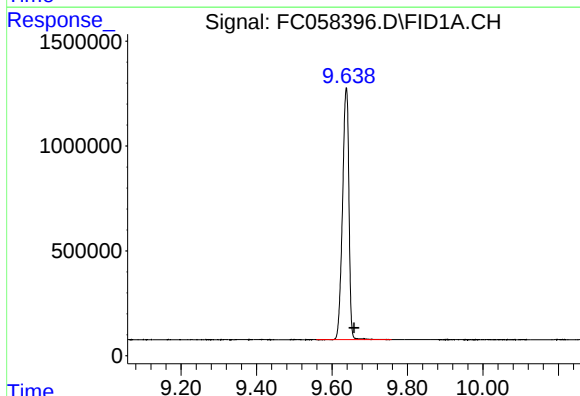
R.T.: 6.880 min
Delta R.T.: -0.019 min
Response: 15038665
Conc: 10.68 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



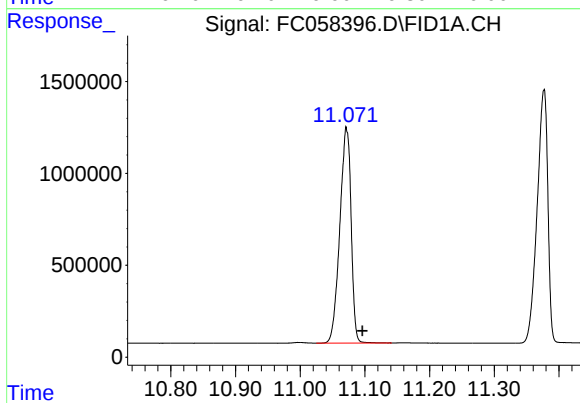
#6 n-Tetradecane (C14)

R.T.: 8.049 min
Delta R.T.: -0.019 min
Response: 14029267
Conc: 10.90 ug/ml



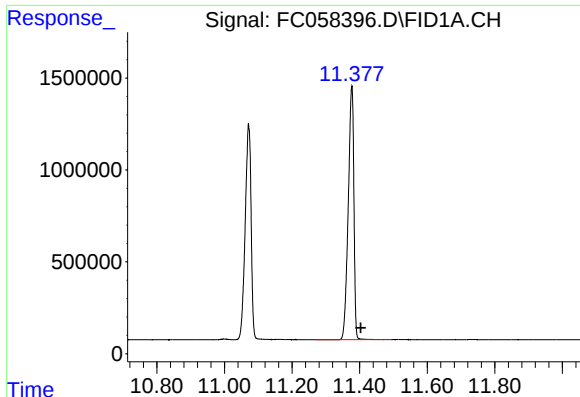
#7 n-Hexadecane (C16)

R.T.: 9.638 min
Delta R.T.: -0.021 min
Response: 14161872
Conc: 10.91 ug/ml



#8 n-Octadecane (C18)

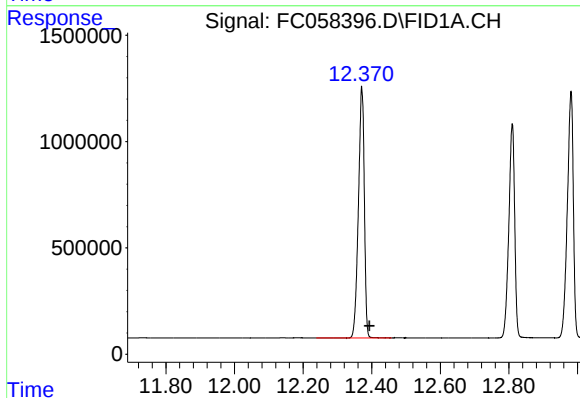
R.T.: 11.071 min
Delta R.T.: -0.025 min
Response: 14221118
Conc: 10.88 ug/ml



#9 ortho-Terphenyl (SURR)

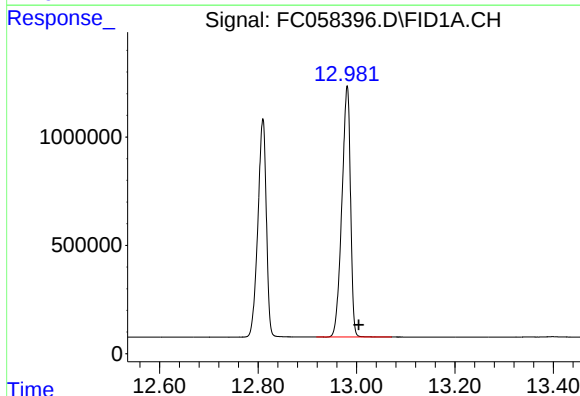
R.T.: 11.376 min
Delta R.T.: -0.027 min
Response: 15905882
Conc: 10.86 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



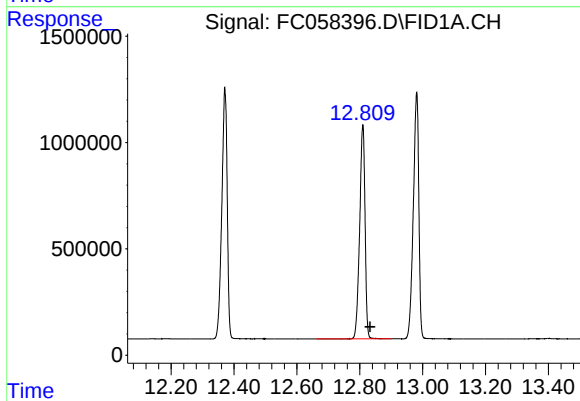
#10 n-Eicosane (C20)

R.T.: 12.371 min
Delta R.T.: -0.023 min
Response: 14077597
Conc: 10.85 ug/ml



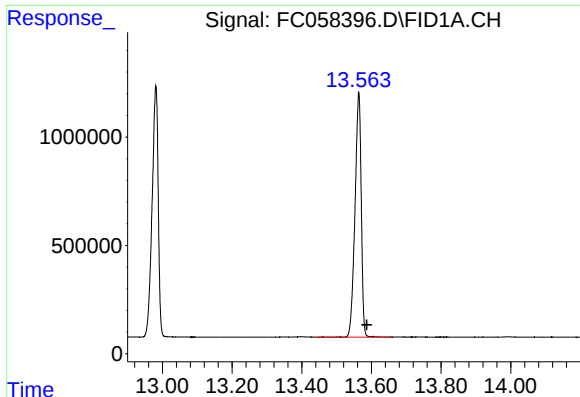
#11 n-Heneicosane (C21)

R.T.: 12.981 min
Delta R.T.: -0.024 min
Response: 14073989
Conc: 10.81 ug/ml



#12 1-chlorooctadecane (SURR)

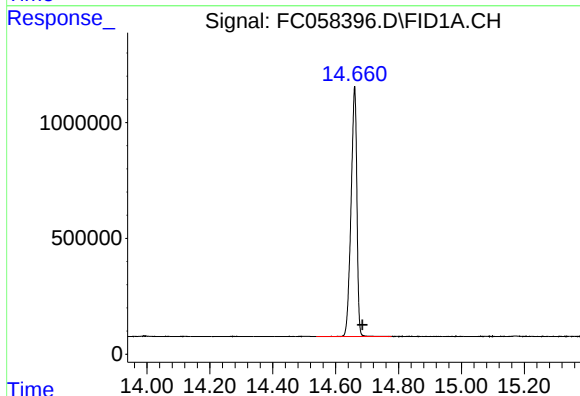
R.T.: 12.809 min
Delta R.T.: -0.024 min
Response: 11984171
Conc: 10.70 ug/ml



#13 n-Docosane (C22)

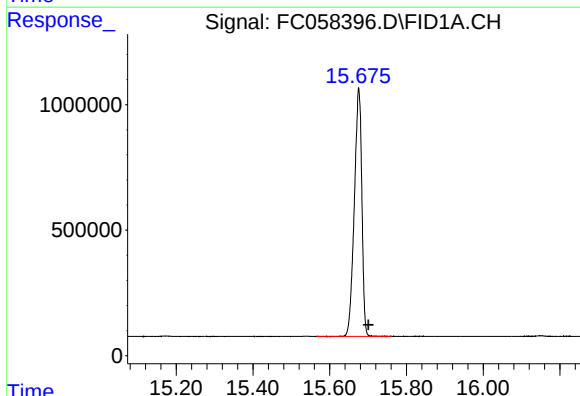
R.T.: 13.563 min
Delta R.T.: -0.023 min
Response: 14006719
Conc: 10.78 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



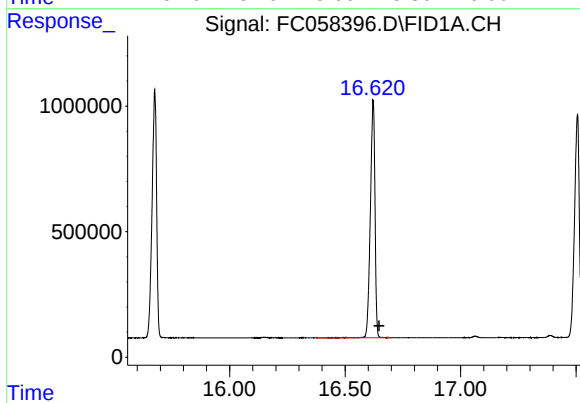
#14 n-Tetracosane (C24)

R.T.: 14.660 min
Delta R.T.: -0.025 min
Response: 13834560
Conc: 10.69 ug/ml



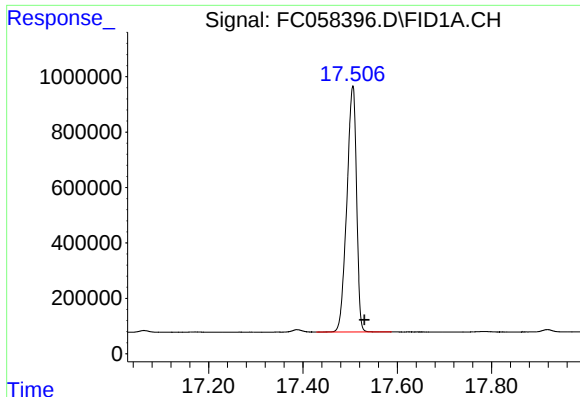
#15 n-Hexacosane (C26)

R.T.: 15.676 min
Delta R.T.: -0.025 min
Response: 13464633
Conc: 10.53 ug/ml



#16 n-Octacosane (C28)

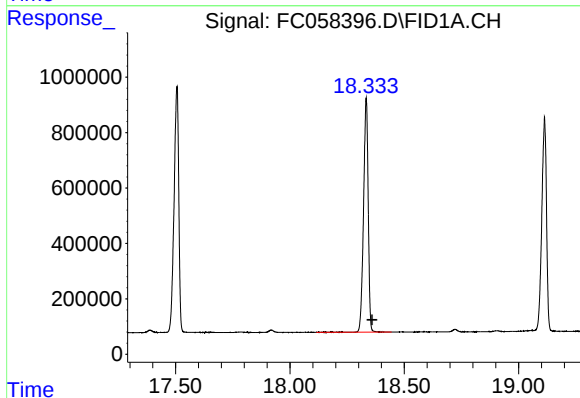
R.T.: 16.621 min
Delta R.T.: -0.026 min
Response: 13106624
Conc: 10.43 ug/ml



#17 n-Tricontane (C30)

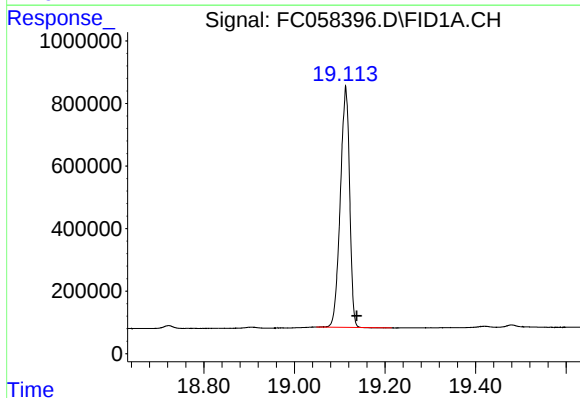
R.T.: 17.505 min
Delta R.T.: -0.025 min
Response: 12648385
Conc: 10.39 ug/ml

Instrument :
FID_C
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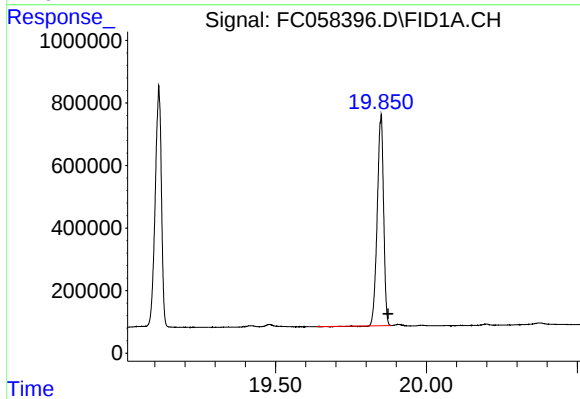
#18 n-Dotriacontane (C32)

R.T.: 18.333 min
Delta R.T.: -0.026 min
Response: 11924511
Conc: 10.44 ug/ml



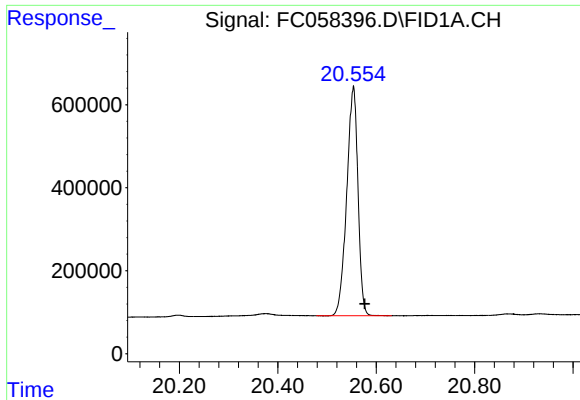
#19 n-Tetratriacontane (C34)

R.T.: 19.113 min
Delta R.T.: -0.024 min
Response: 10956982
Conc: 10.42 ug/ml



#20 n-Hexatriacontane (C36)

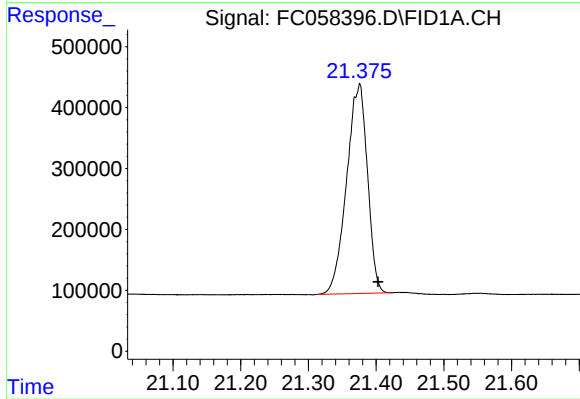
R.T.: 19.849 min
Delta R.T.: -0.024 min
Response: 9786904
Conc: 10.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.553 min
Delta R.T.: -0.023 min
Response: 8745228
Conc: 10.18 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.375 min
Delta R.T.: -0.029 min
Response: 7349770
Conc: 9.59 ug/ml