

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020222AL\
 Data File : FC058241.D
 Signal(s) : FID1A.CH
 Acq On : 02 Feb 2022 20:31
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 02 22:30:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020222.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 02 22:29:11 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)	10.693	9564251	48.181 ug/ml
Spiked Amount 50.000		Recovery =	96.36%
12) S 1-chlorooctadecane (S...	12.129	7281470	48.134 ug/ml
Spiked Amount 50.000		Recovery =	96.27%
Target Compounds			
1) T n-Nonane (C9)	2.626	8012544	47.995 ug/ml
2) T n-Decane (C10)	3.614	8138370	47.882 ug/ml
3) T A~Naphthalene (C11.7)	5.150	9145612	48.584 ug/ml
4) T n-Dodecane (C12)	5.585	8189512	47.947 ug/ml
5) T A~2-methylnaphthalene...	6.192	9235317	49.165 ug/ml
6) T n-Tetradecane (C14)	7.365	8358681	47.990 ug/ml
7) T n-Hexadecane (C16)	8.955	8424218	48.027 ug/ml
8) T n-Octadecane (C18)	10.389	8620773	47.932 ug/ml
10) T n-Eicosane (C20)	11.691	8471313	48.110 ug/ml
11) T n-Heneicosane (C21)	12.300	8489527	48.117 ug/ml
13) T n-Docosane (C22)	12.883	8368506	48.184 ug/ml
14) T n-Tetracosane (C24)	13.980	8233699	48.265 ug/ml
15) T n-Hexacosane (C26)	14.996	7899189	48.220 ug/ml
16) T n-Octacosane (C28)	15.942	7691647	48.053 ug/ml
17) T n-Tricontane (C30)	16.827	7379630	47.612 ug/ml
18) T n-Dotriacontane (C32)	17.655	6793891	45.854 ug/ml
19) T n-Tetratriacontane (C34)	18.435	6304222	46.498 ug/ml
20) T n-Hexatriacontane (C36)	19.172	5775191	46.171 ug/ml
21) T n-Octatriacontane (C38)	19.876	5506500	46.648 ug/ml
22) T n-Tetracontane (C40)	20.694	5550755	47.238 ug/ml

(f)=RT Delta > 1/2 Window

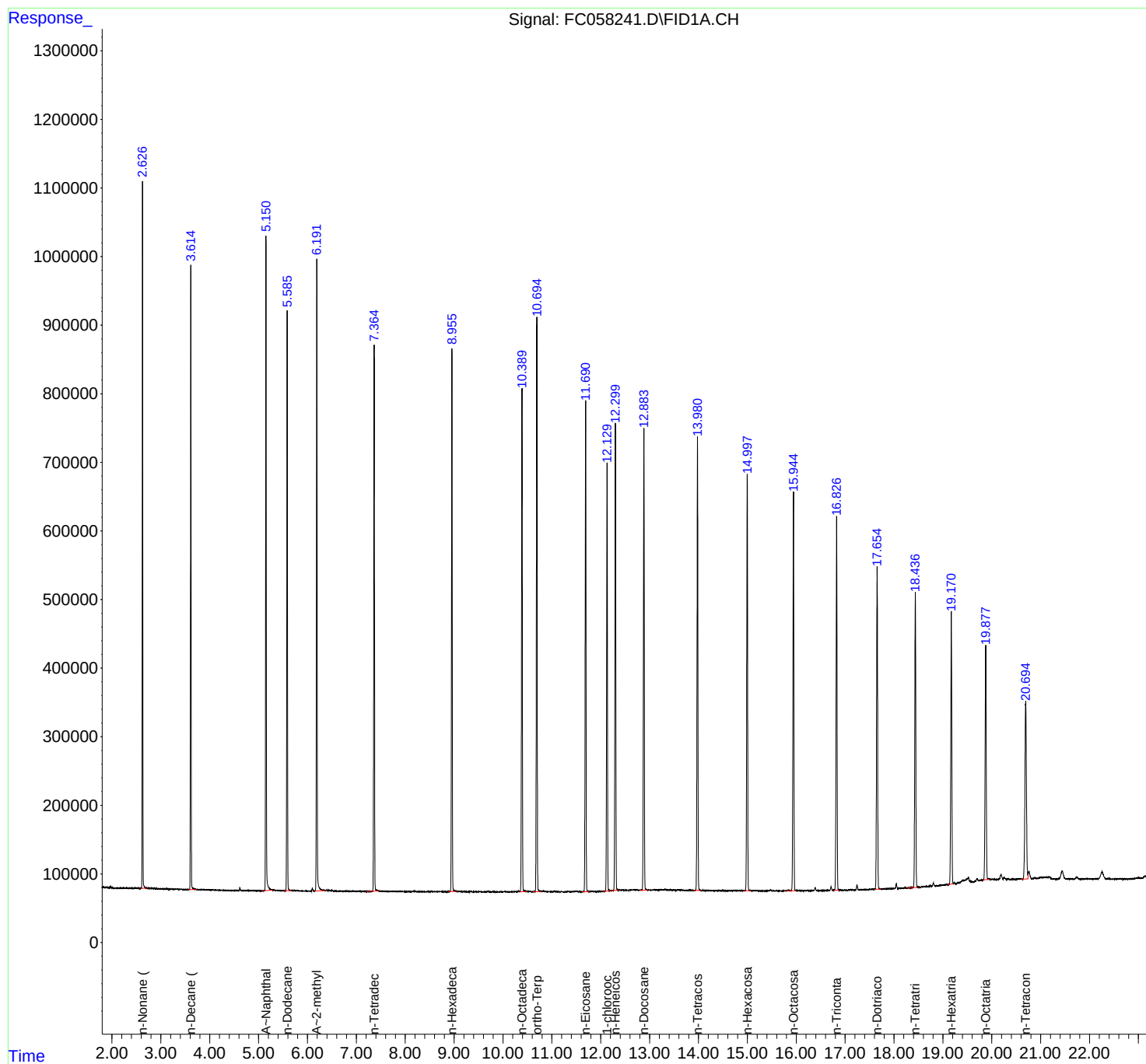
(m)=manual int.

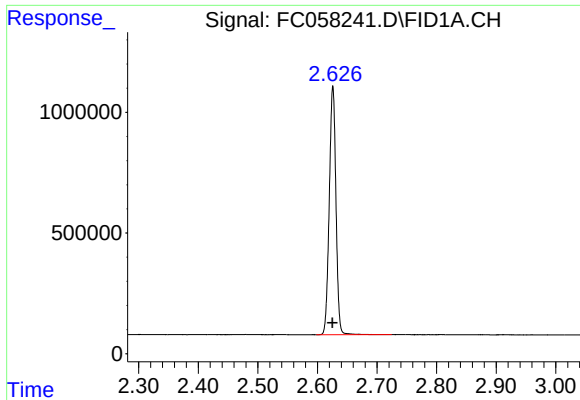
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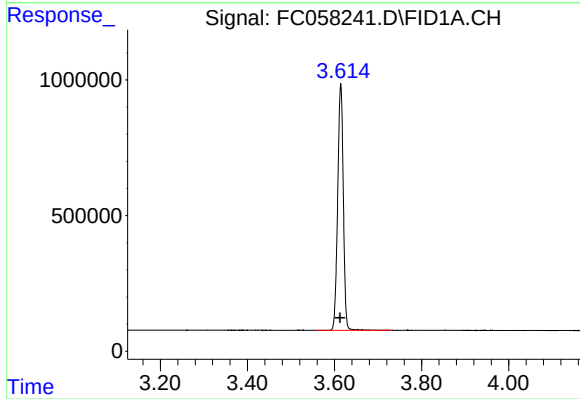




#1 n-Nonane (C9)

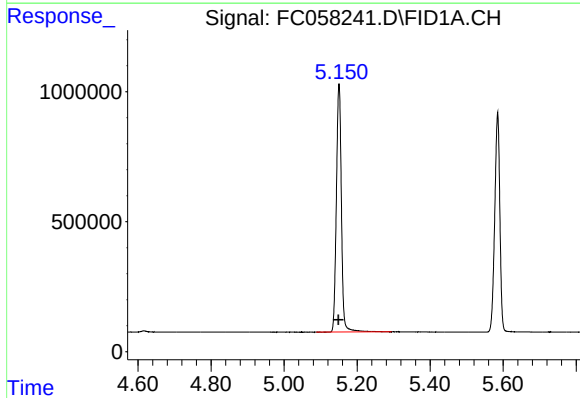
R.T.: 2.626 min
Delta R.T.: 0.000 min
Response: 8012544
Conc: 47.99 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



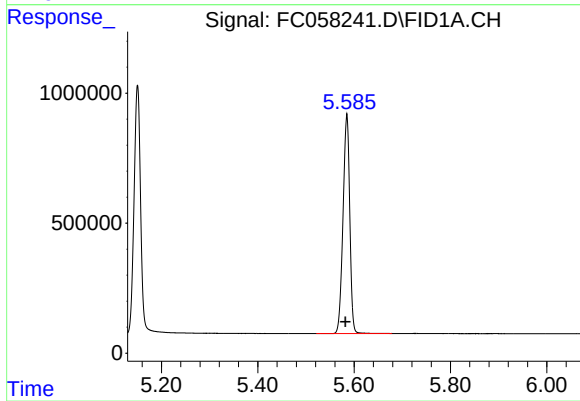
#2 n-Decane (C10)

R.T.: 3.614 min
Delta R.T.: 0.002 min
Response: 8138370
Conc: 47.88 ug/ml



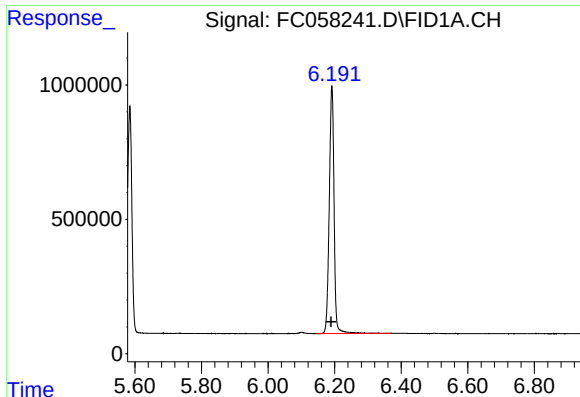
#3 A~Naphthalene (C11.7)

R.T.: 5.150 min
Delta R.T.: 0.001 min
Response: 9145612
Conc: 48.58 ug/ml



#4 n-Dodecane (C12)

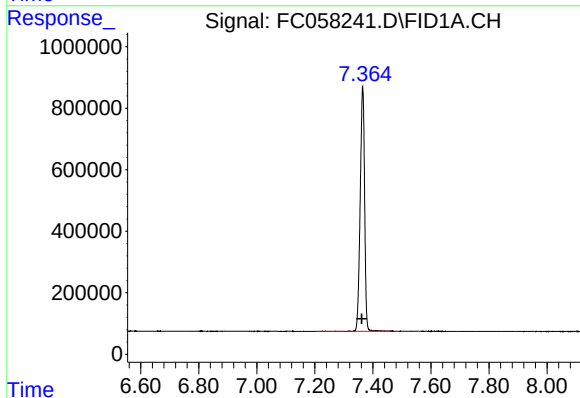
R.T.: 5.585 min
Delta R.T.: 0.002 min
Response: 8189512
Conc: 47.95 ug/ml



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

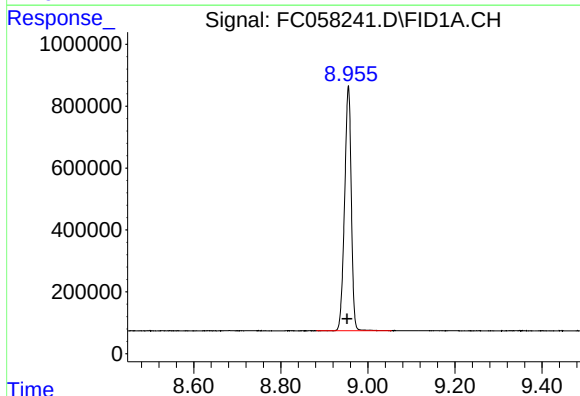
R.T.: 6.192 min
Delta R.T.: 0.003 min
Response: 9235317
Conc: 49.16 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



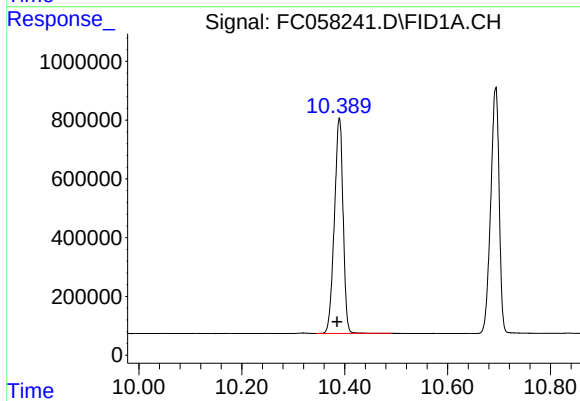
#6 n-Tetradecane (C14)

R.T.: 7.365 min
Delta R.T.: 0.003 min
Response: 8358681
Conc: 47.99 ug/ml



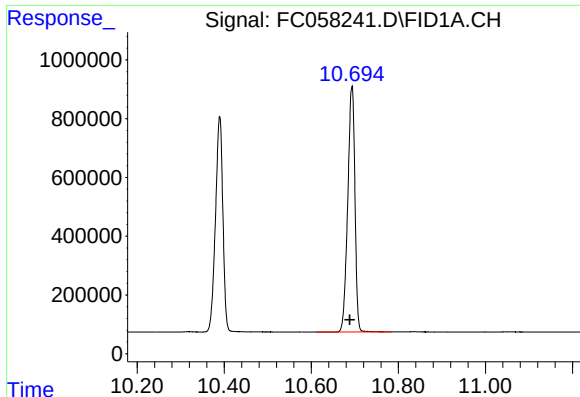
#7 n-Hexadecane (C16)

R.T.: 8.955 min
Delta R.T.: 0.003 min
Response: 8424218
Conc: 48.03 ug/ml



#8 n-Octadecane (C18)

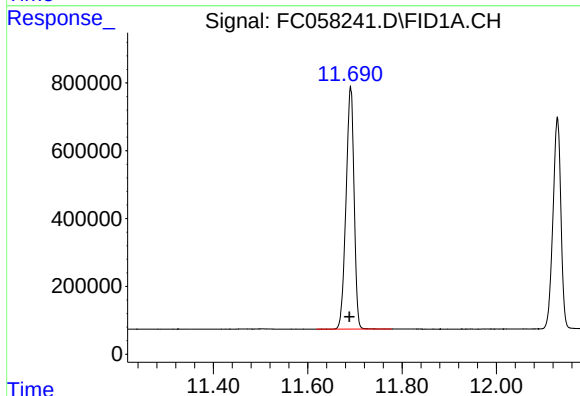
R.T.: 10.389 min
Delta R.T.: 0.004 min
Response: 8620773
Conc: 47.93 ug/ml



#9 ortho-Terphenyl (SURR)

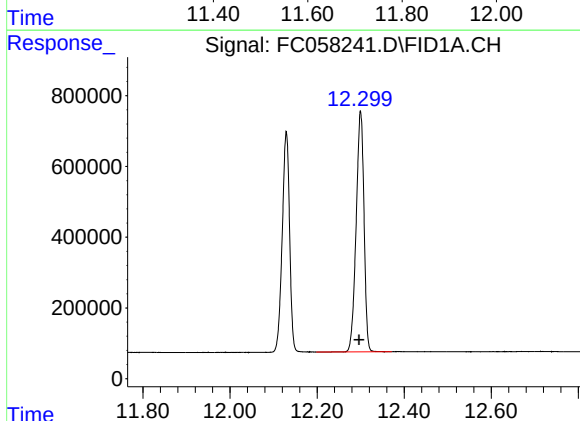
R.T.: 10.693 min
Delta R.T.: 0.004 min
Response: 9564251
Conc: 48.18 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



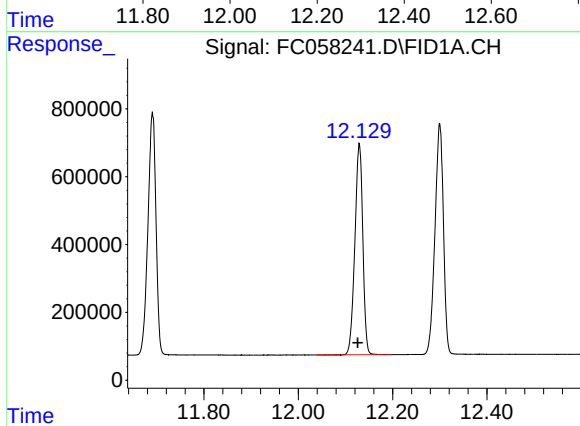
#10 n-Eicosane (C20)

R.T.: 11.691 min
Delta R.T.: 0.002 min
Response: 8471313
Conc: 48.11 ug/ml



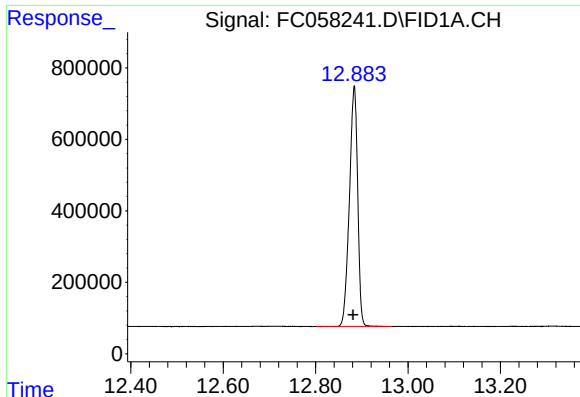
#11 n-Heneicosane (C21)

R.T.: 12.300 min
Delta R.T.: 0.003 min
Response: 8489527
Conc: 48.12 ug/ml



#12 1-chlorooctadecane (SURR)

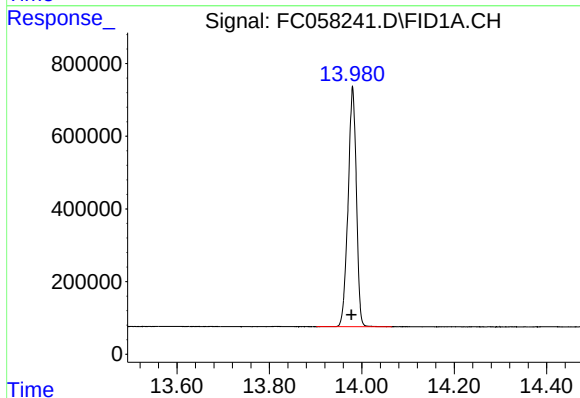
R.T.: 12.129 min
Delta R.T.: 0.003 min
Response: 7281470
Conc: 48.13 ug/ml



#13 n-Docosane (C22)

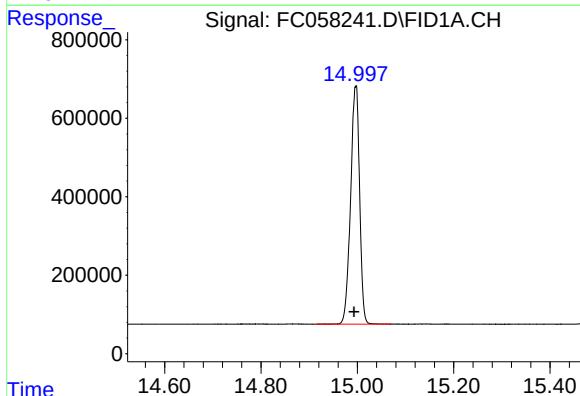
R.T.: 12.883 min
Delta R.T.: 0.003 min
Response: 8368506
Conc: 48.18 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



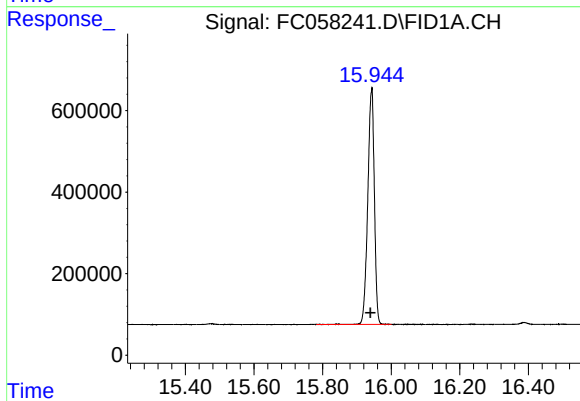
#14 n-Tetracosane (C24)

R.T.: 13.980 min
Delta R.T.: 0.003 min
Response: 8233699
Conc: 48.26 ug/ml



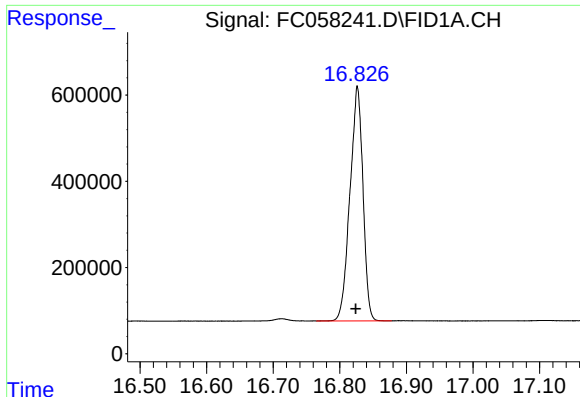
#15 n-Hexacosane (C26)

R.T.: 14.996 min
Delta R.T.: 0.003 min
Response: 7899189
Conc: 48.22 ug/ml



#16 n-Octacosane (C28)

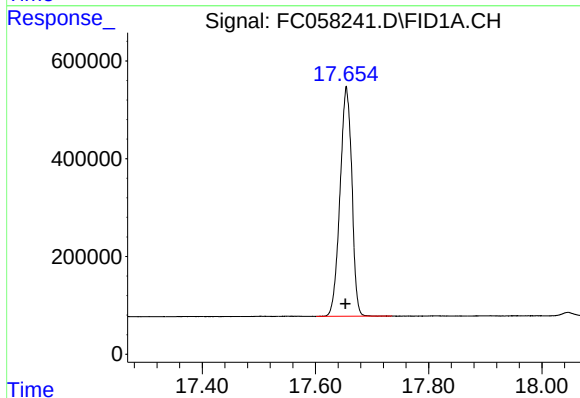
R.T.: 15.942 min
Delta R.T.: 0.003 min
Response: 7691647
Conc: 48.05 ug/ml



#17 n-Tricontane (C30)

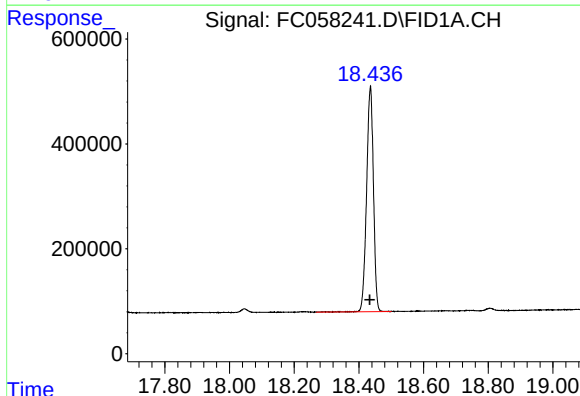
R.T.: 16.827 min
Delta R.T.: 0.002 min
Response: 7379630
Conc: 47.61 ug/ml

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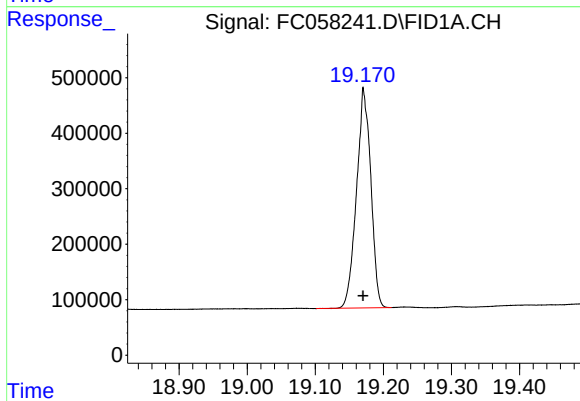
#18 n-Dotriacontane (C32)

R.T.: 17.655 min
Delta R.T.: 0.002 min
Response: 6793891
Conc: 45.85 ug/ml



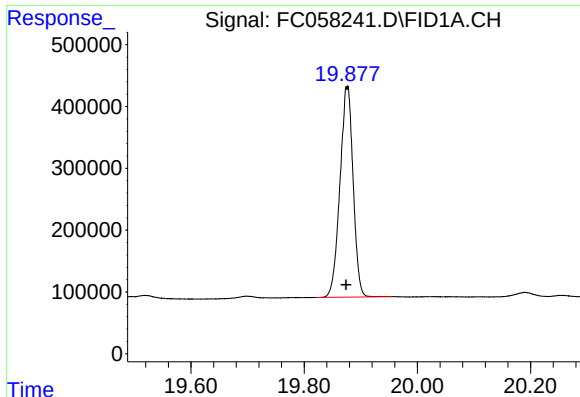
#19 n-Tetratriacontane (C34)

R.T.: 18.435 min
Delta R.T.: 0.001 min
Response: 6304222
Conc: 46.50 ug/ml



#20 n-Hexatriacontane (C36)

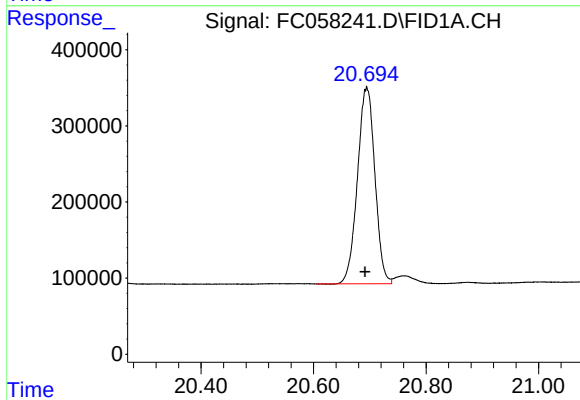
R.T.: 19.172 min
Delta R.T.: 0.002 min
Response: 5775191
Conc: 46.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.876 min
Delta R.T.: 0.002 min
Response: 5506500
Conc: 46.65 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 20.694 min
Delta R.T.: 0.003 min
Response: 5550755
Conc: 47.24 ug/ml