

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101921AL\
 Data File : FC056284.D
 Signal(s) : FID1A.CH
 Acq On : 20 Oct 2021 8:19
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 20 08:43:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.627	1900618	16.017 ug/ml
Spiked Amount 50.000		Recovery =	32.03%
12) S 1-chlorooctadecane (S...	13.058	1458591	15.876 ug/ml
Spiked Amount 50.000		Recovery =	31.75%
Target Compounds			
1) T n-Nonane (C9)	3.382	2049524	19.206 ug/ml
2) T n-Decane (C10)	4.450	2038456	19.070 ug/ml
3) T A~Naphthalene (C11.7)	6.043	2169827	18.034 ug/ml
4) T n-Dodecane (C12)	6.470	2007077	18.492 ug/ml
5) T A~2-methylnaphthalene...	7.100	2107119	17.346 ug/ml
6) T n-Tetradecane (C14)	8.265	1941476	17.548 ug/ml
7) T n-Hexadecane (C16)	9.864	1869674	16.891 ug/ml
8) T n-Octadecane (C18)	11.305	1850743	16.536 ug/ml
10) T n-Eicosane (C20)	12.613	1768774	16.194 ug/ml
11) T n-Heneicosane (C21)	13.224	1752874	16.122 ug/ml
13) T n-Docosane (C22)	13.809	1721344	16.118 ug/ml
14) T n-Tetracosane (C24)	14.909	1696528	16.224 ug/ml
15) T n-Hexacosane (C26)	15.926	1674478	16.666 ug/ml
16) T n-Octacosane (C28)	16.873	1693512	17.508 ug/ml
17) T n-Tricontane (C30)	17.756	1696567	18.285 ug/ml
18) T n-Dotriacontane (C32)	18.586	1688474	18.991 ug/ml
19) T n-Tetratriacontane (C34)	19.365	1649134	19.068 ug/ml
20) T n-Hexatriacontane (C36)	20.101	1550260	18.975 ug/ml
21) T n-Octatriacontane (C38)	20.837	1468346	18.426 ug/ml
22) T n-Tetracontane (C40)	21.755	1476259	18.416 ug/ml

(f)=RT Delta > 1/2 Window

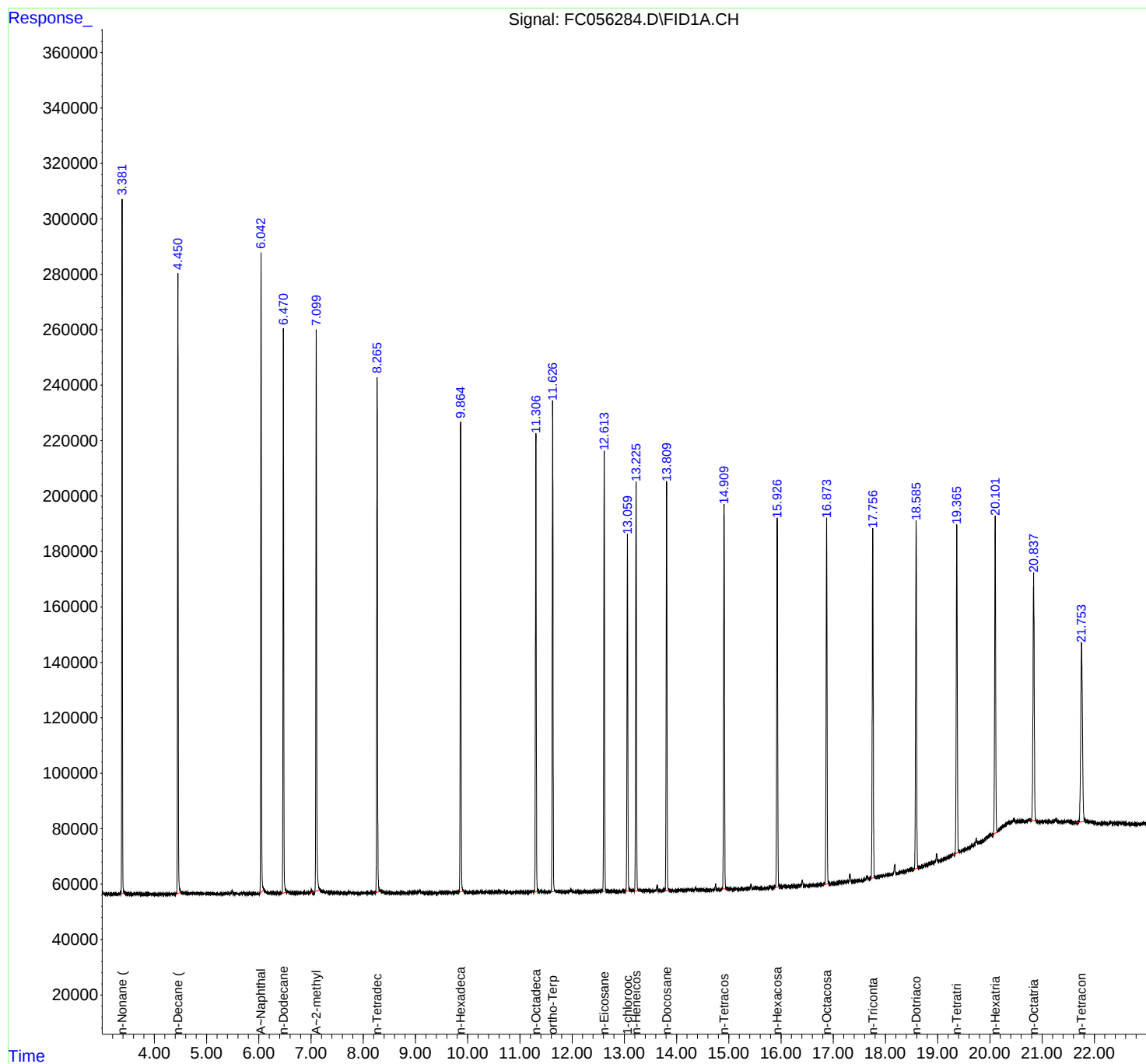
(m)=manual int.

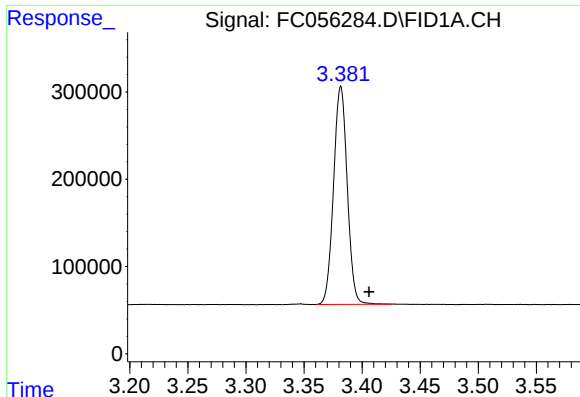
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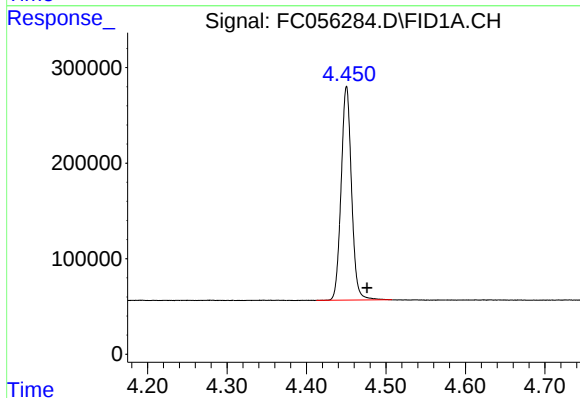




#1 n-Nonane (C9)

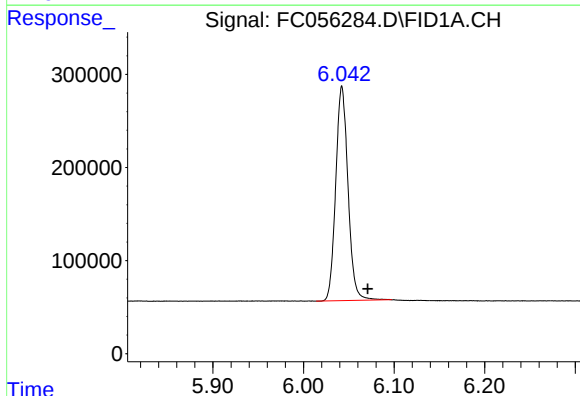
R.T.: 3.382 min
Delta R.T.: -0.024 min
Response: 2049524
Conc: 19.21 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



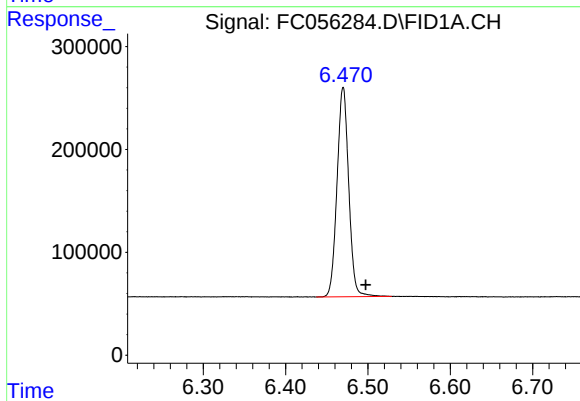
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: -0.026 min
Response: 2038456
Conc: 19.07 ug/ml



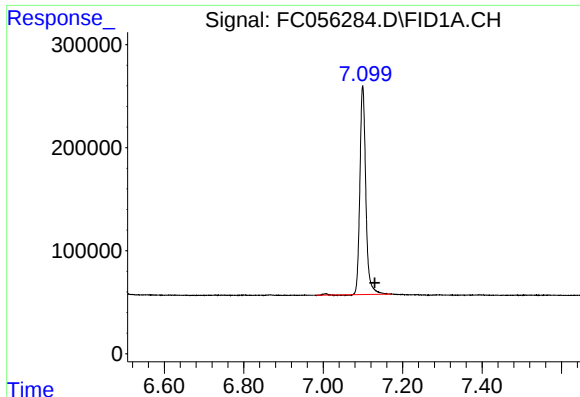
#3 A~Naphthalene (C11.7)

R.T.: 6.043 min
Delta R.T.: -0.028 min
Response: 2169827
Conc: 18.03 ug/ml



#4 n-Dodecane (C12)

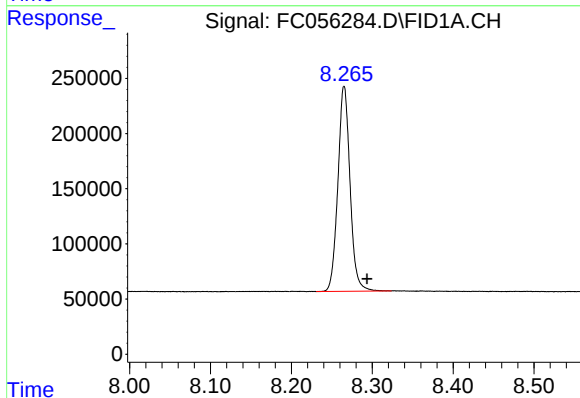
R.T.: 6.470 min
Delta R.T.: -0.027 min
Response: 2007077
Conc: 18.49 ug/ml



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

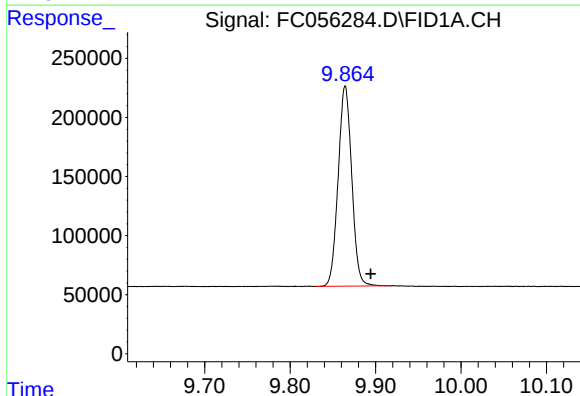
R.T.: 7.100 min
Delta R.T.: -0.030 min
Response: 2107119
Conc: 17.35 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



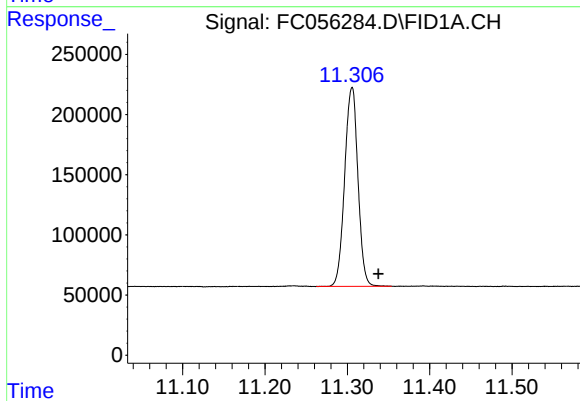
#6 n-Tetradecane (C14)

R.T.: 8.265 min
Delta R.T.: -0.028 min
Response: 1941476
Conc: 17.55 ug/ml



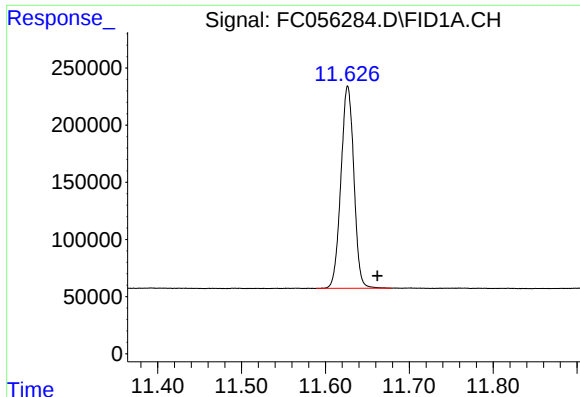
#7 n-Hexadecane (C16)

R.T.: 9.864 min
Delta R.T.: -0.030 min
Response: 1869674
Conc: 16.89 ug/ml



#8 n-Octadecane (C18)

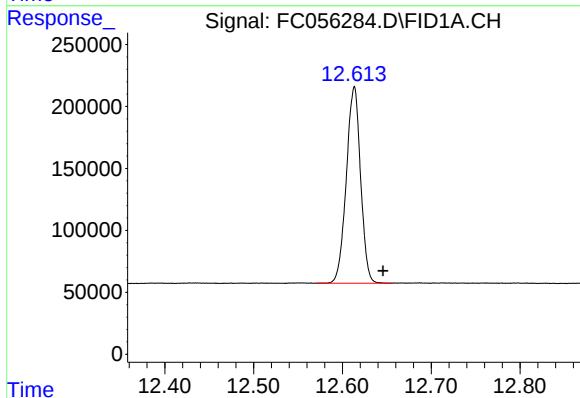
R.T.: 11.305 min
Delta R.T.: -0.032 min
Response: 1850743
Conc: 16.54 ug/ml



#9 ortho-Terphenyl (SURR)

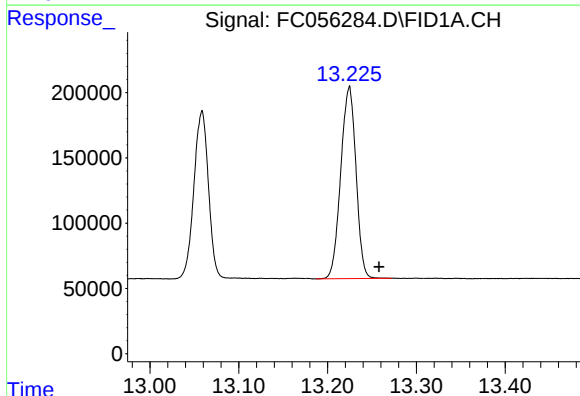
R.T.: 11.627 min
Delta R.T.: -0.035 min
Response: 1900618
Conc: 16.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



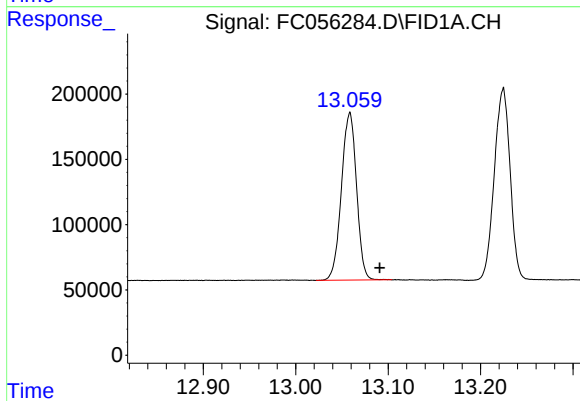
#10 n-Eicosane (C20)

R.T.: 12.613 min
Delta R.T.: -0.033 min
Response: 1768774
Conc: 16.19 ug/ml



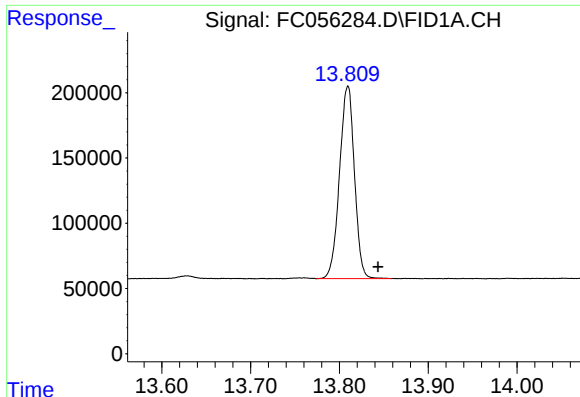
#11 n-Heneicosane (C21)

R.T.: 13.224 min
Delta R.T.: -0.034 min
Response: 1752874
Conc: 16.12 ug/ml



#12 1-chlorooctadecane (SURR)

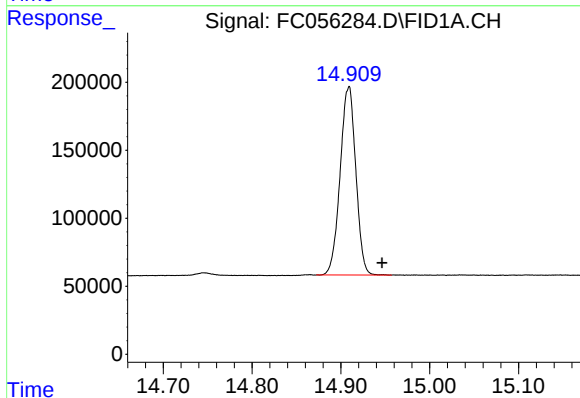
R.T.: 13.058 min
Delta R.T.: -0.033 min
Response: 1458591
Conc: 15.88 ug/ml



#13 n-Docosane (C22)

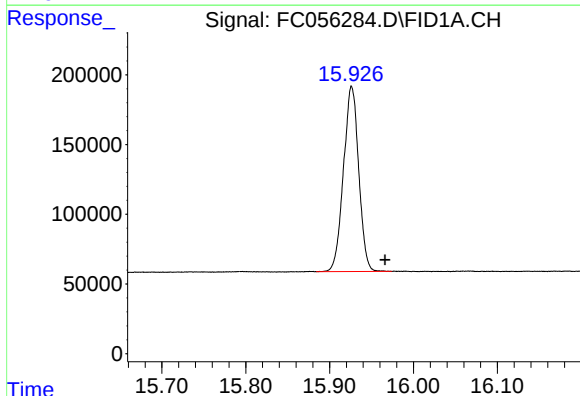
R.T.: 13.809 min
Delta R.T.: -0.034 min
Response: 1721344
Conc: 16.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



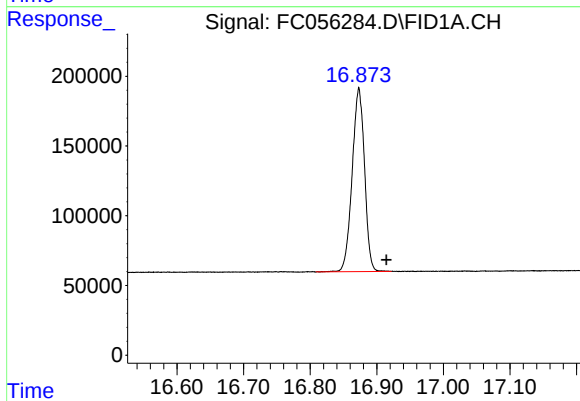
#14 n-Tetracosane (C24)

R.T.: 14.909 min
Delta R.T.: -0.038 min
Response: 1696528
Conc: 16.22 ug/ml



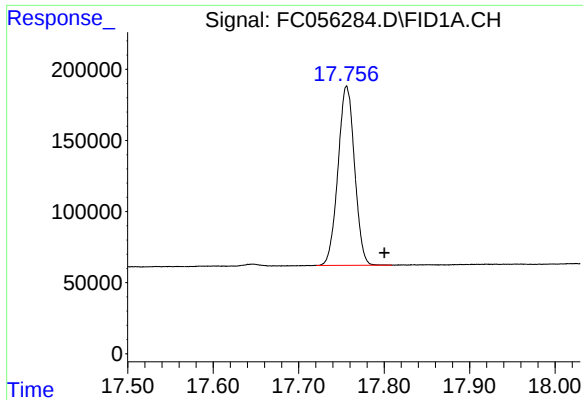
#15 n-Hexacosane (C26)

R.T.: 15.926 min
Delta R.T.: -0.040 min
Response: 1674478
Conc: 16.67 ug/ml



#16 n-Octacosane (C28)

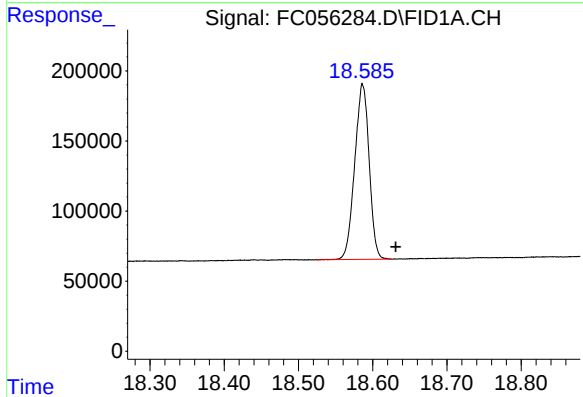
R.T.: 16.873 min
Delta R.T.: -0.041 min
Response: 1693512
Conc: 17.51 ug/ml



#17 n-Tricontane (C30)

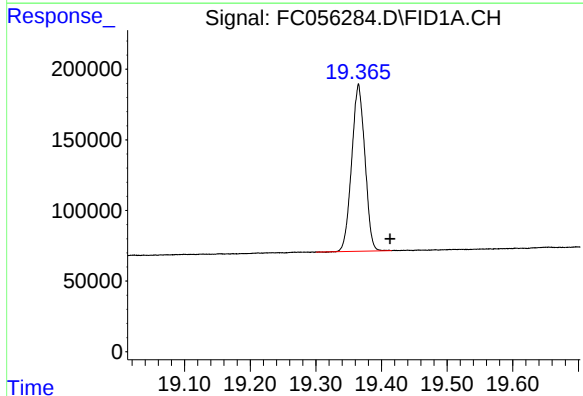
R.T.: 17.756 min
Delta R.T.: -0.044 min
Response: 1696567
Conc: 18.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



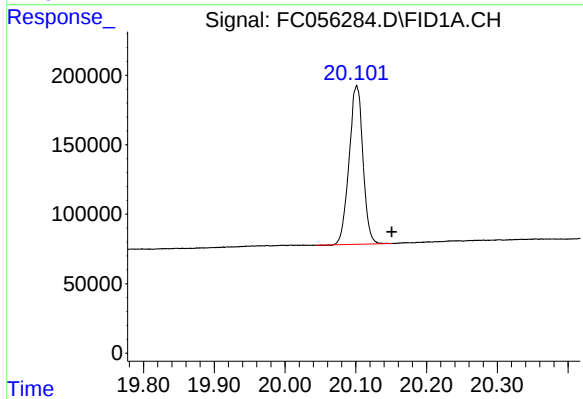
#18 n-Dotriacontane (C32)

R.T.: 18.586 min
Delta R.T.: -0.044 min
Response: 1688474
Conc: 18.99 ug/ml



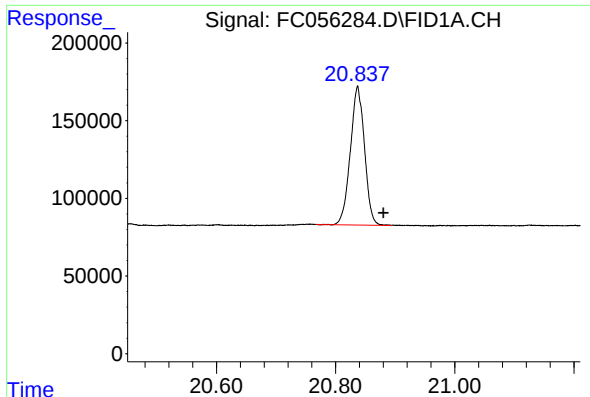
#19 n-Tetratriacontane (C34)

R.T.: 19.365 min
Delta R.T.: -0.048 min
Response: 1649134
Conc: 19.07 ug/ml



#20 n-Hexatriacontane (C36)

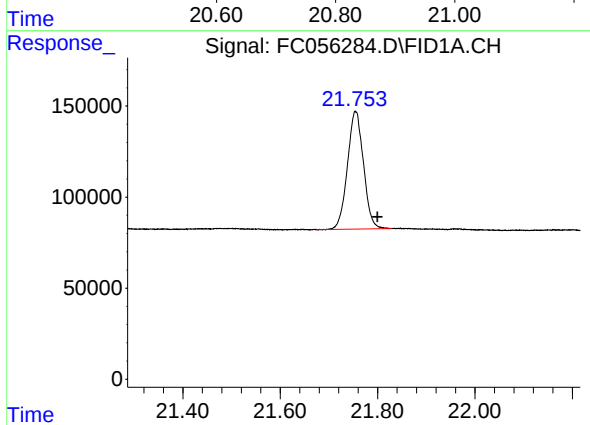
R.T.: 20.101 min
Delta R.T.: -0.050 min
Response: 1550260
Conc: 18.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.837 min
Delta R.T.: -0.043 min
Response: 1468346
Conc: 18.43 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.755 min
Delta R.T.: -0.045 min
Response: 1476259
Conc: 18.42 ug/ml