

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F120324AL\
 Data File : FC067901.D
 Signal(s) : FID1A.ch
 Acq On : 03 Dec 2024 12:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 03 22:56:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.503	3185954	16.433 ug/ml
Spiked Amount 50.000		Recovery =	32.87%
12) S 1-chlorooctadecane (S...	12.939	2353641	16.214 ug/ml
Spiked Amount 50.000		Recovery =	32.43%
Target Compounds			
1) T n-Nonane (C9)	3.290	2705303	16.585 ug/ml
2) T n-Decane (C10)	4.353	2760199	16.645 ug/ml
3) T A~Naphthalene (C11.7)	5.929	3044024	16.620 ug/ml
4) T n-Dodecane (C12)	6.365	2796629	16.604 ug/ml
5) T A~2-methylnaphthalene...	6.983	2948299	16.624 ug/ml
6) T n-Tetradecane (C14)	8.156	2768249	16.530 ug/ml
7) T n-Hexadecane (C16)	9.752	2838942	16.382 ug/ml
8) T n-Octadecane (C18)	11.190	2856665	16.237 ug/ml
10) T n-Eicosane (C20)	12.497	2734051	16.237 ug/ml
11) T n-Heneicosane (C21)	13.108	2666912	16.208 ug/ml
13) T n-Docosane (C22)	13.693	2661726	16.344 ug/ml
14) T n-Tetracosane (C24)	14.793	2656950	16.566 ug/ml
15) T n-Hexacosane (C26)	15.810	2598453	16.779 ug/ml
16) T n-Octacosane (C28)	16.759	2584328	17.112 ug/ml
17) T n-Tricontane (C30)	17.645	2614211	17.074 ug/ml
18) T n-Dotriacontane (C32)	18.475	2550754	17.271 ug/ml
19) T n-Tetratriacontane (C34)	19.256	2170329	17.207 ug/ml
20) T n-Hexatriacontane (C36)	19.994	1843863	17.630 ug/ml
21) T n-Octatriacontane (C38)	20.715	1715322	17.560 ug/ml
22) T n-Tetracontane (C40)	21.601	1644410	16.872 ug/ml

(f)=RT Delta > 1/2 Window

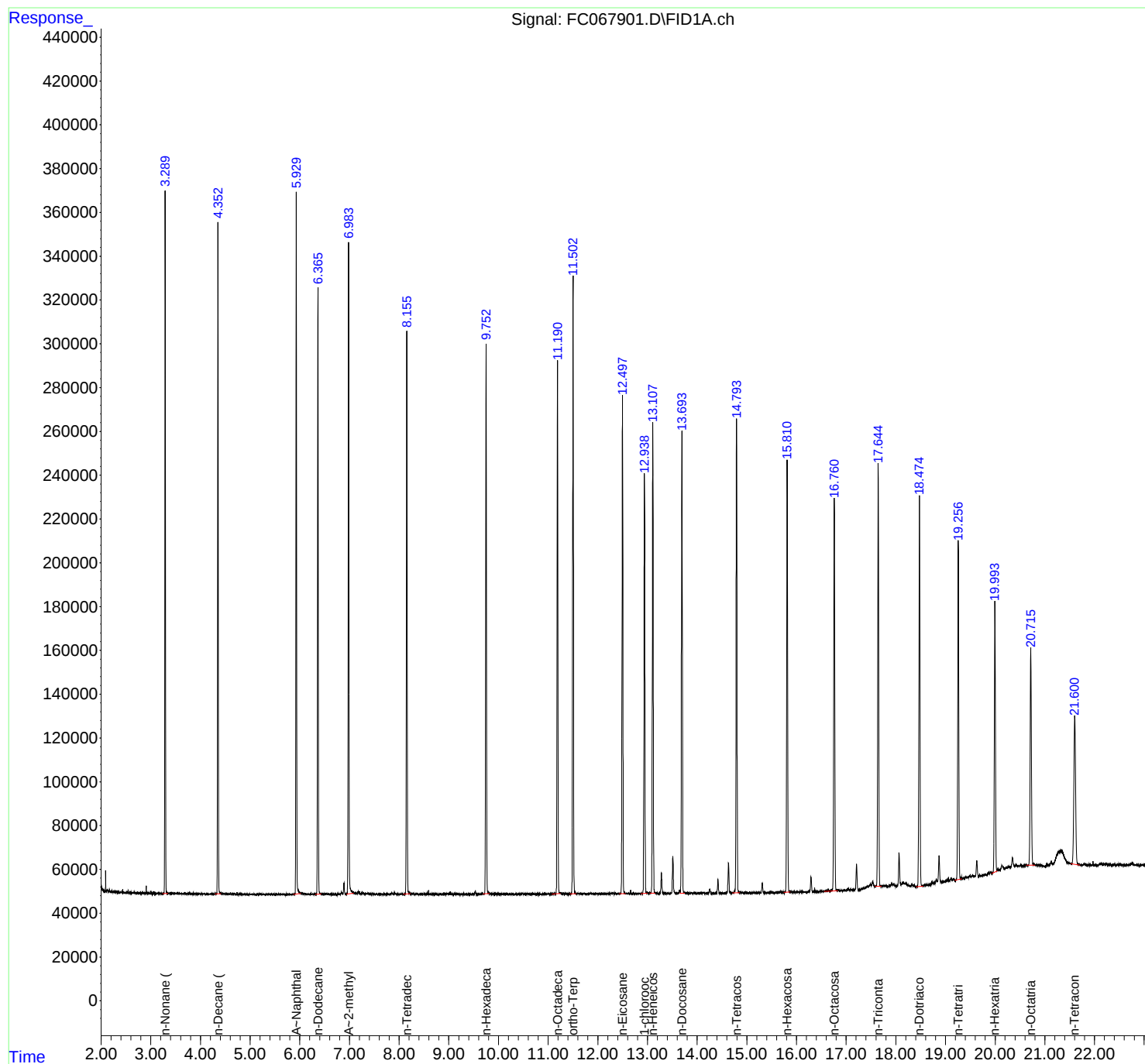
(m)=manual int.

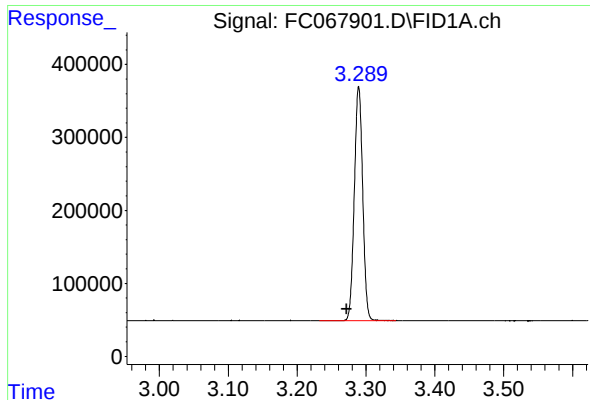
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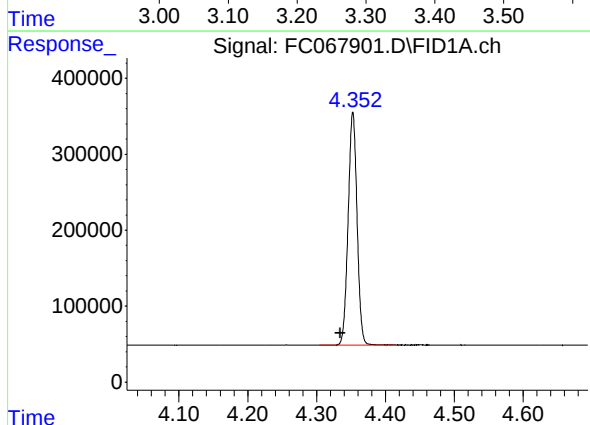




#1 n-Nonane (C9)

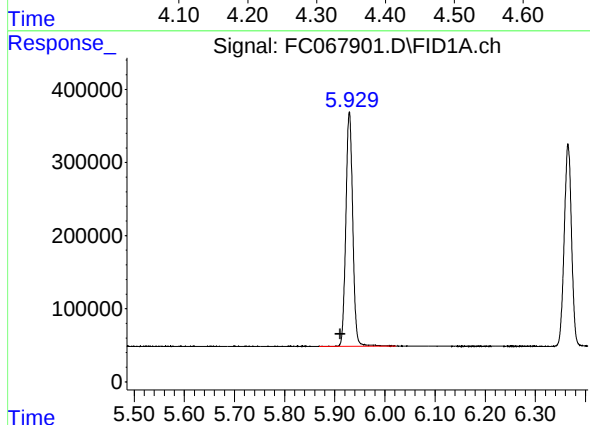
R.T.: 3.290 min
Delta R.T.: 0.018 min
Response: 2705303
Conc: 16.59 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



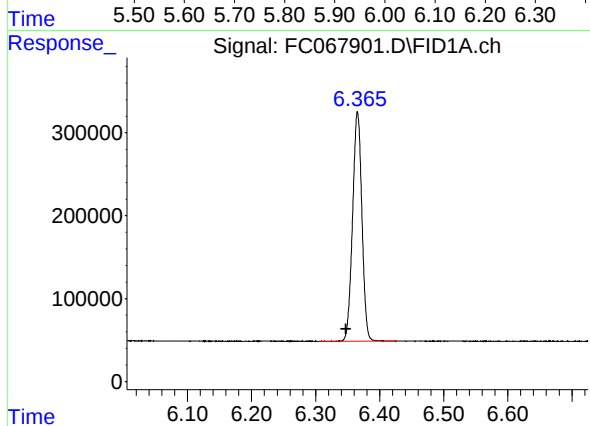
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: 0.018 min
Response: 2760199
Conc: 16.64 ug/ml



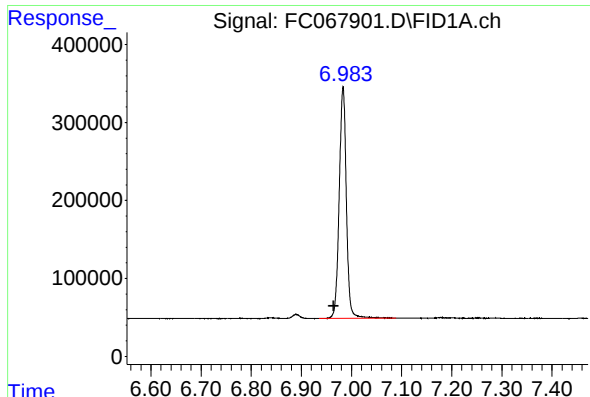
#3 A~Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: 0.018 min
Response: 3044024
Conc: 16.62 ug/ml



#4 n-Dodecane (C12)

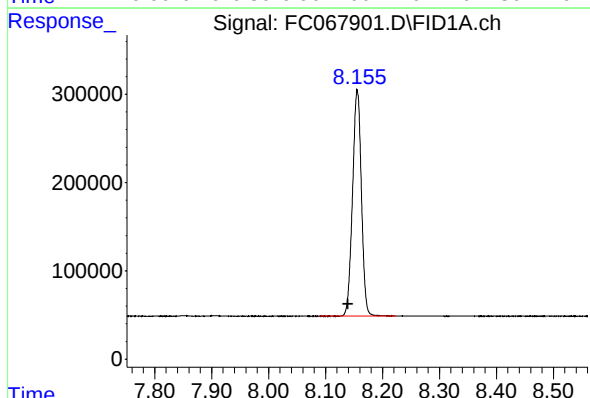
R.T.: 6.365 min
Delta R.T.: 0.018 min
Response: 2796629
Conc: 16.60 ug/ml



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

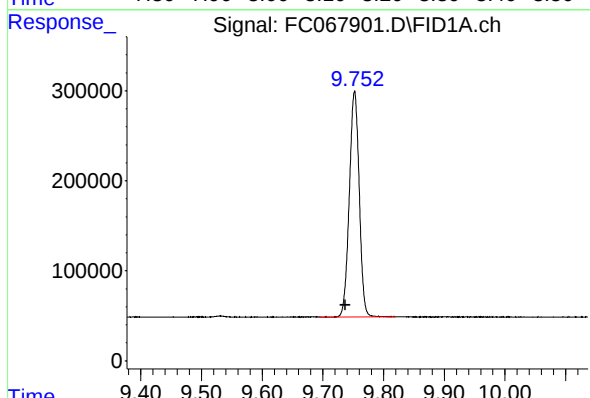
R.T.: 6.983 min
Delta R.T.: 0.018 min
Response: 2948299
Conc: 16.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



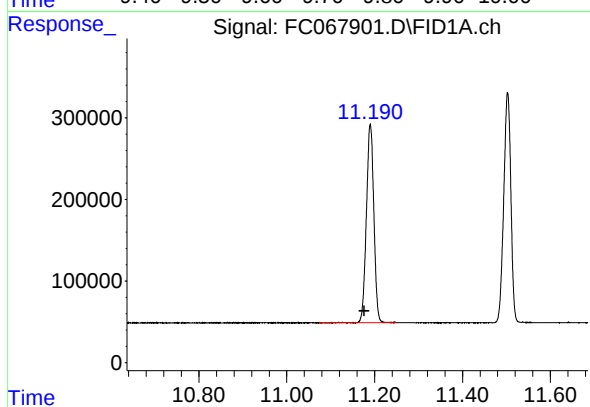
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: 0.017 min
Response: 2768249
Conc: 16.53 ug/ml



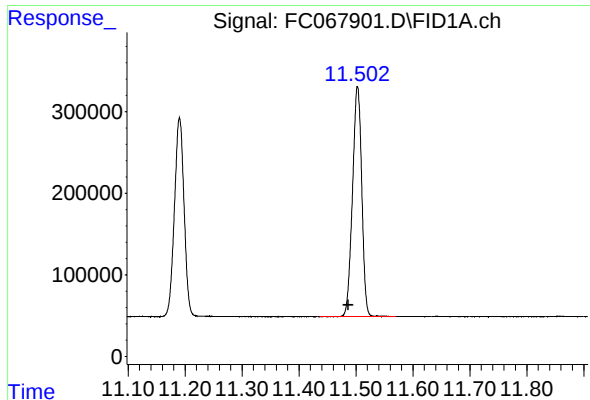
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.015 min
Response: 2838942
Conc: 16.38 ug/ml



#8 n-Octadecane (C18)

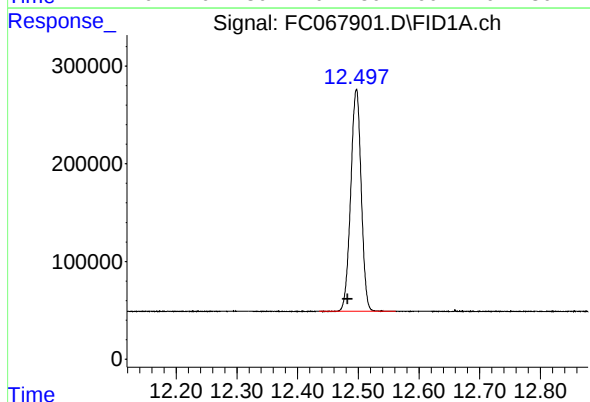
R.T.: 11.190 min
Delta R.T.: 0.014 min
Response: 2856665
Conc: 16.24 ug/ml



#9 ortho-Terphenyl (SURR)

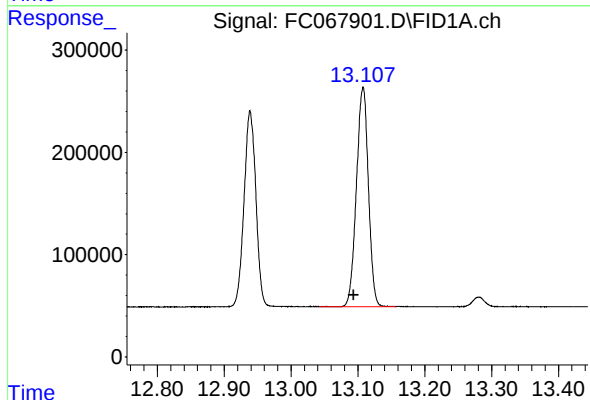
R.T.: 11.503 min
Delta R.T.: 0.016 min
Response: 3185954
Conc: 16.43 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



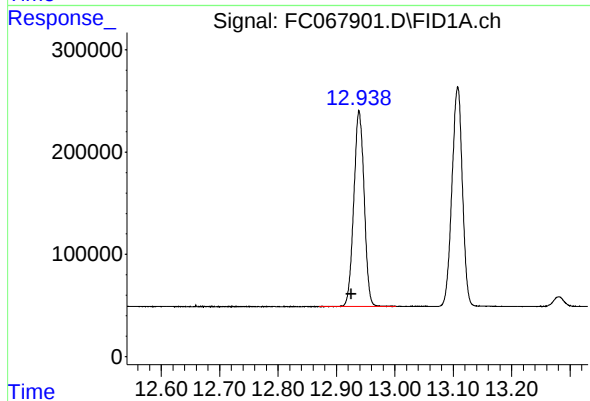
#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: 0.015 min
Response: 2734051
Conc: 16.24 ug/ml



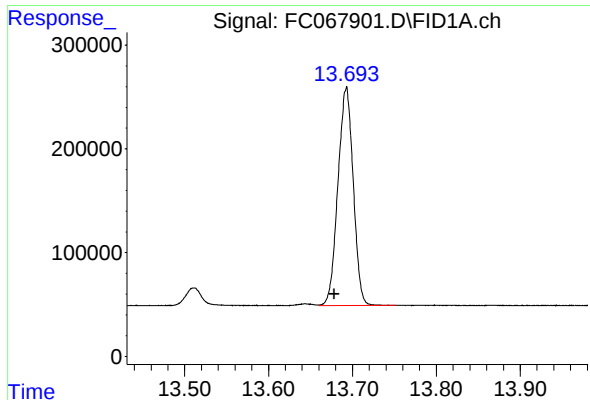
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.014 min
Response: 2666912
Conc: 16.21 ug/ml



#12 1-chlorooctadecane (SURR)

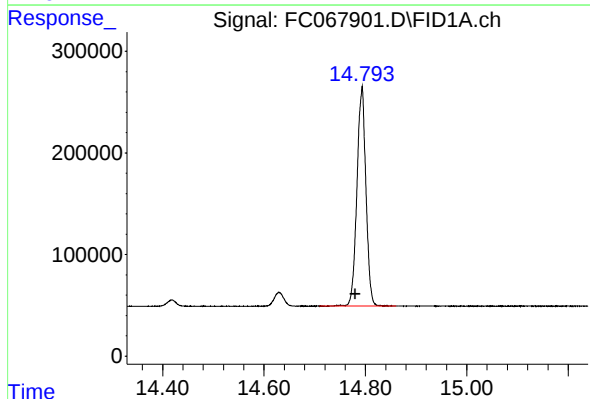
R.T.: 12.939 min
Delta R.T.: 0.013 min
Response: 2353641
Conc: 16.21 ug/ml



#13 n-Docosane (C22)

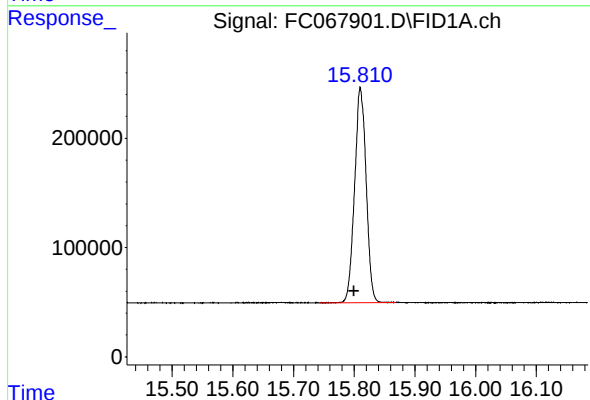
R.T.: 13.693 min
Delta R.T.: 0.014 min
Response: 2661726
Conc: 16.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



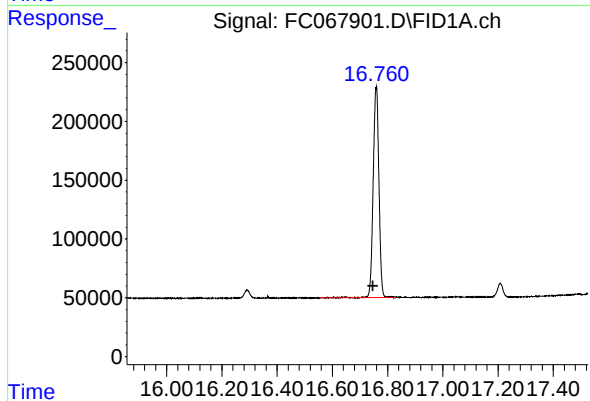
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: 0.013 min
Response: 2656950
Conc: 16.57 ug/ml



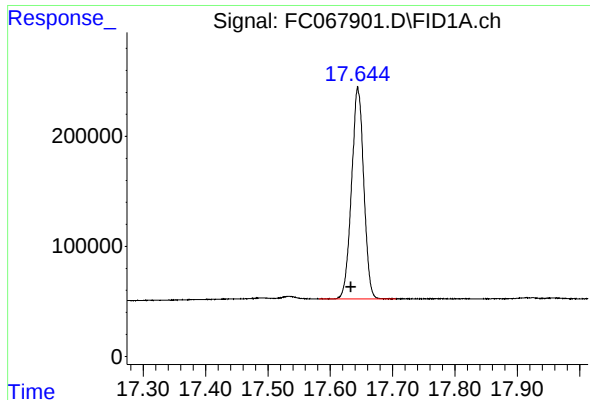
#15 n-Hexacosane (C26)

R.T.: 15.810 min
Delta R.T.: 0.011 min
Response: 2598453
Conc: 16.78 ug/ml



#16 n-Octacosane (C28)

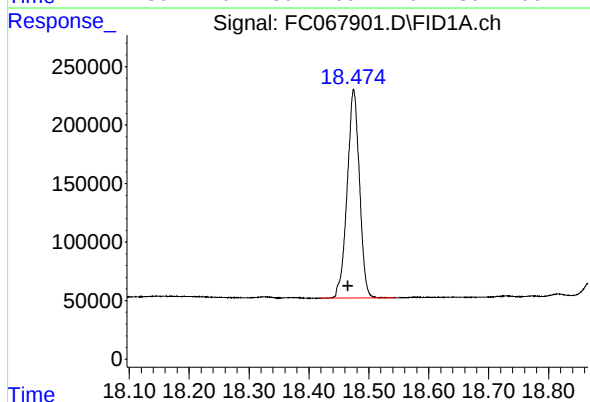
R.T.: 16.759 min
Delta R.T.: 0.012 min
Response: 2584328
Conc: 17.11 ug/ml



#17 n-Tricontane (C30)

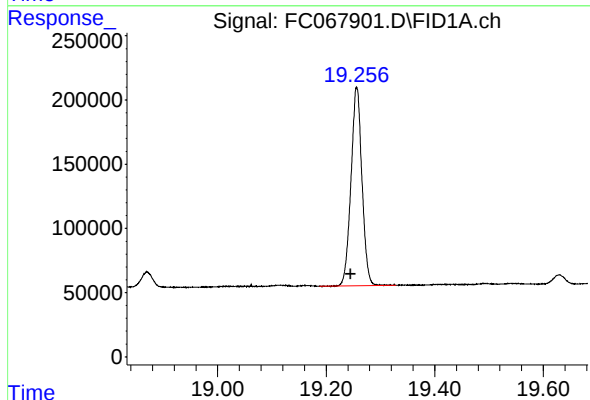
R.T.: 17.645 min
Delta R.T.: 0.011 min
Response: 2614211
Conc: 17.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



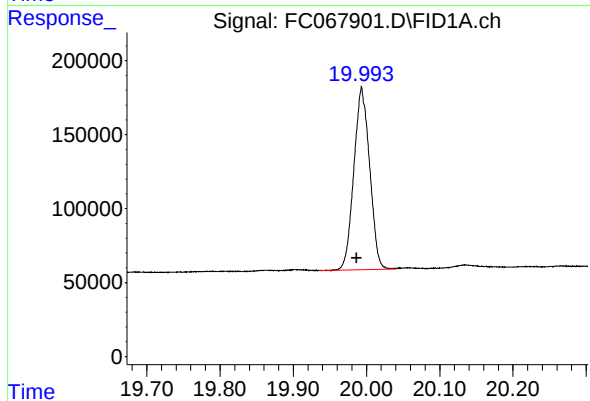
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: 0.010 min
Response: 2550754
Conc: 17.27 ug/ml



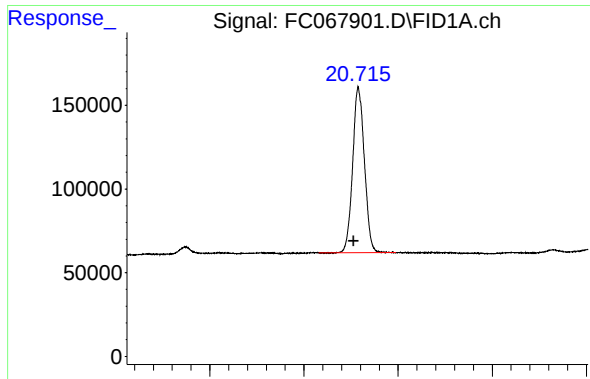
#19 n-Tetatriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.011 min
Response: 2170329
Conc: 17.21 ug/ml



#20 n-Hexatriacontane (C36)

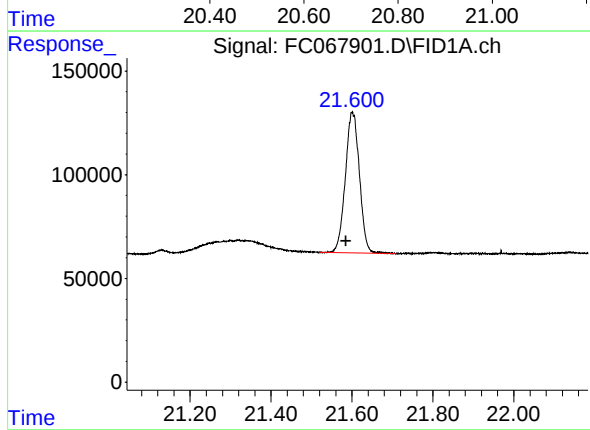
R.T.: 19.994 min
Delta R.T.: 0.007 min
Response: 1843863
Conc: 17.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.715 min
Delta R.T.: 0.010 min
Response: 1715322
Conc: 17.56 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.601 min
Delta R.T.: 0.016 min
Response: 1644410
Conc: 16.87 ug/ml