

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073124AL\
 Data File : FC066859.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jul 2024 07:41
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 01 04:21:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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)	11.519	2588174	16.811 ug/ml
Spiked Amount 50.000		Recovery =	33.62%
12) S 1-chlorooctadecane (S...	12.958	1951461	17.452 ug/ml
Spiked Amount 50.000		Recovery =	34.90%
Target Compounds			
1) T n-Nonane (C9)	3.284	2268567	15.988 ug/ml
2) T n-Decane (C10)	4.350	2421112	16.378 ug/ml
3) T A~Naphthalene (C11.7)	5.932	2575338	16.127 ug/ml
4) T n-Dodecane (C12)	6.369	2433950	16.235 ug/ml
5) T A~2-methylnaphthalene...	6.989	2474158	16.139 ug/ml
6) T n-Tetradecane (C14)	8.164	2414230	16.501 ug/ml
7) T n-Hexadecane (C16)	9.765	2511512	16.781 ug/ml
8) T n-Octadecane (C18)	11.206	2528975	17.042 ug/ml
10) T n-Eicosane (C20)	12.515	2395001	17.183 ug/ml
11) T n-Heneicosane (C21)	13.127	2333145	17.129 ug/ml
13) T n-Docosane (C22)	13.712	2321635	17.284 ug/ml
14) T n-Tetracosane (C24)	14.815	2337103	17.571 ug/ml
15) T n-Hexacosane (C26)	15.836	2314793	17.790 ug/ml
16) T n-Octacosane (C28)	16.785	2432342	19.281 ug/ml
17) T n-Tricontane (C30)	17.673	2768818	21.531 ug/ml
18) T n-Dotriacontane (C32)	18.506	2862128	22.735 ug/ml
19) T n-Tetratriacontane (C34)	19.288	2595877	20.983 ug/ml
20) T n-Hexatriacontane (C36)	20.026	2321300	19.955 ug/ml
21) T n-Octatriacontane (C38)	20.756	2140336	19.264 ug/ml
22) T n-Tetracontane (C40)	21.655	1991505	18.319 ug/ml

(f)=RT Delta > 1/2 Window

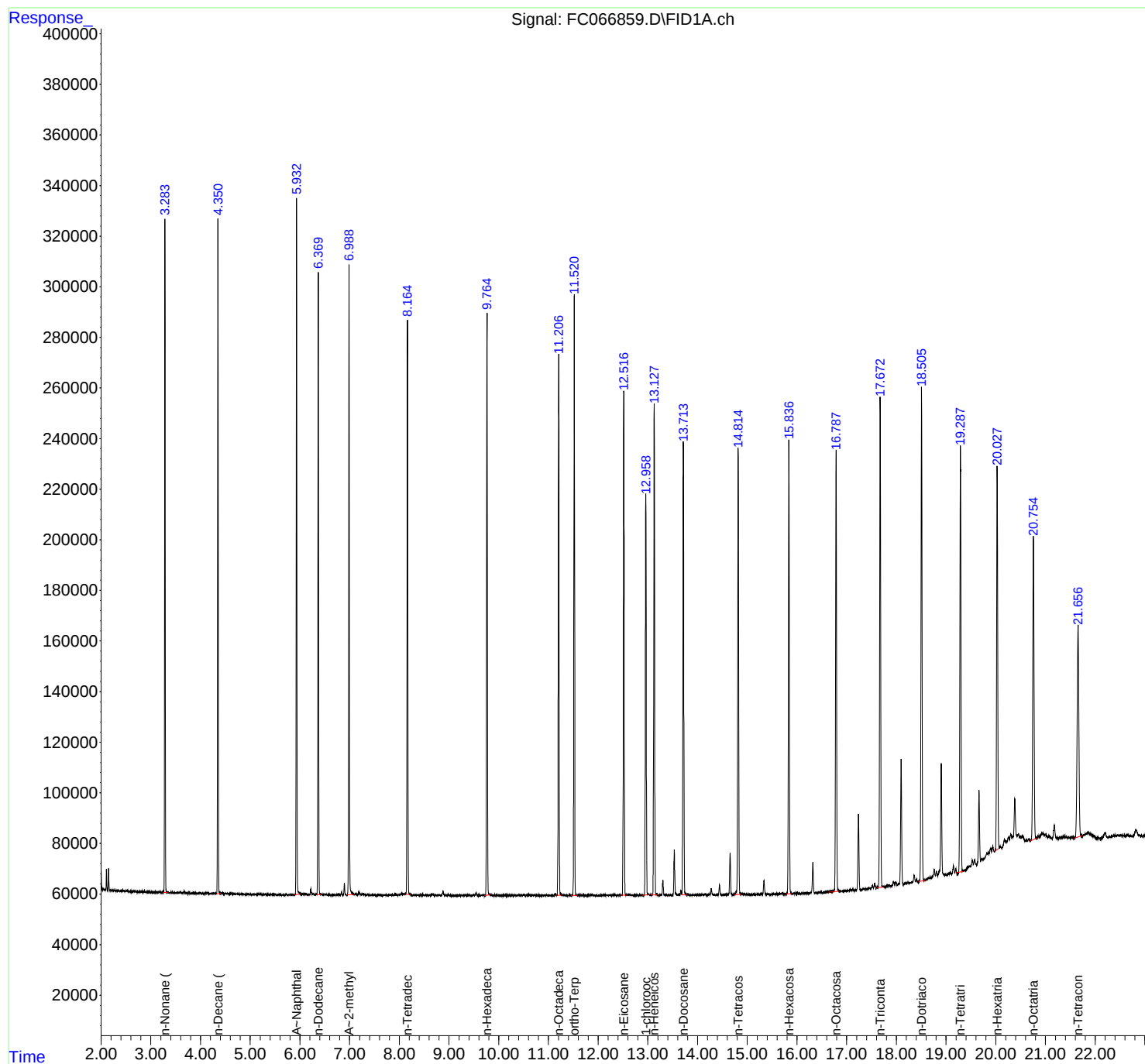
(m)=manual int.

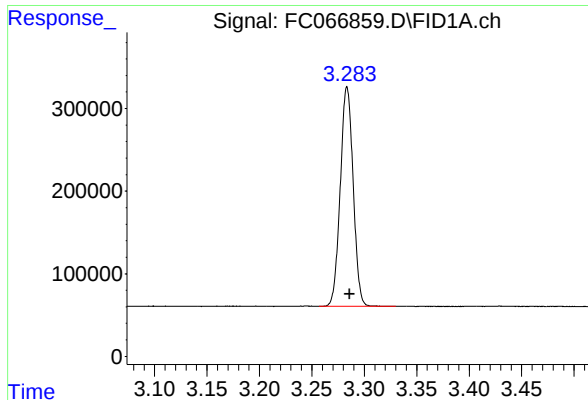
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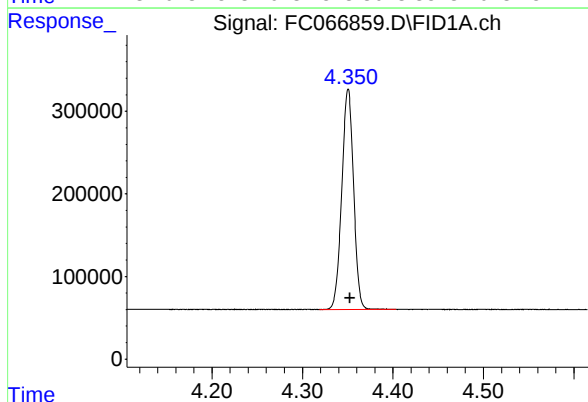




#1 n-Nonane (C9)

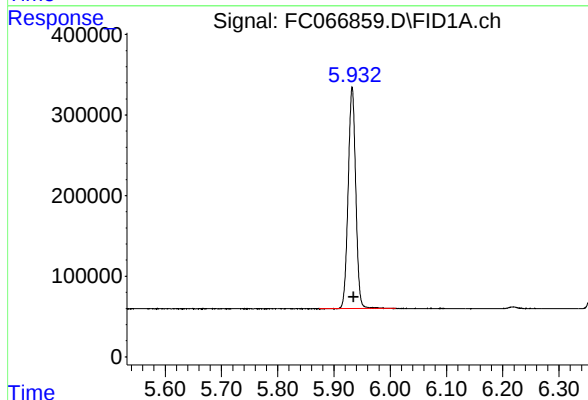
R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 2268567
Conc: 15.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



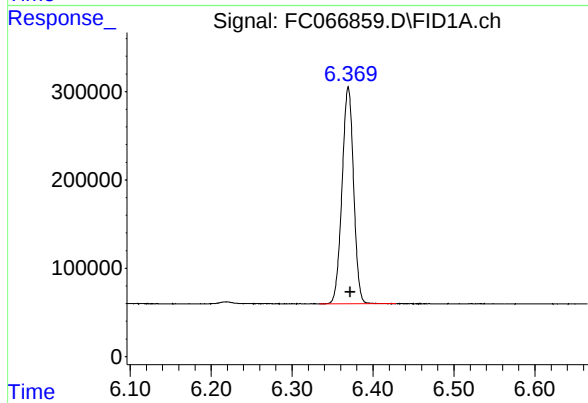
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.002 min
Response: 2421112
Conc: 16.38 ug/ml



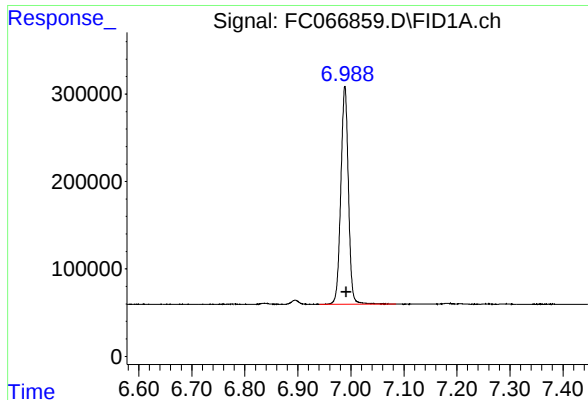
#3 A~Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 2575338
Conc: 16.13 ug/ml



#4 n-Dodecane (C12)

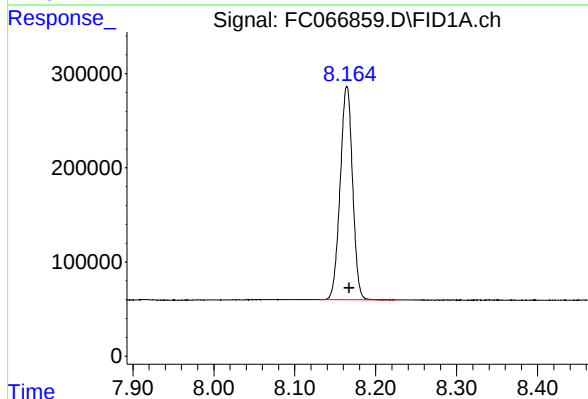
R.T.: 6.369 min
Delta R.T.: -0.003 min
Response: 2433950
Conc: 16.24 ug/ml



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

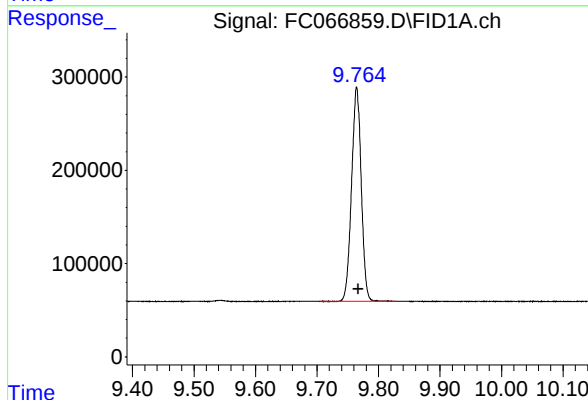
R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 2474158
Conc: 16.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



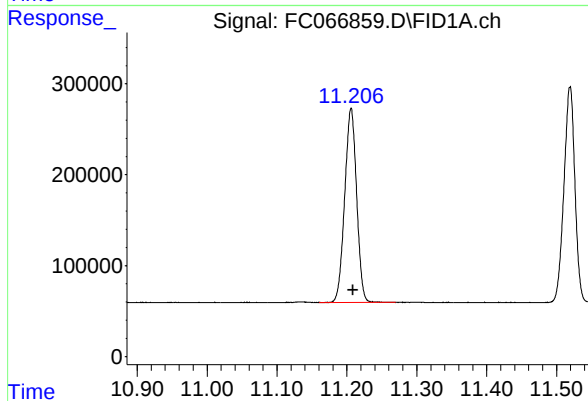
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.003 min
Response: 2414230
Conc: 16.50 ug/ml



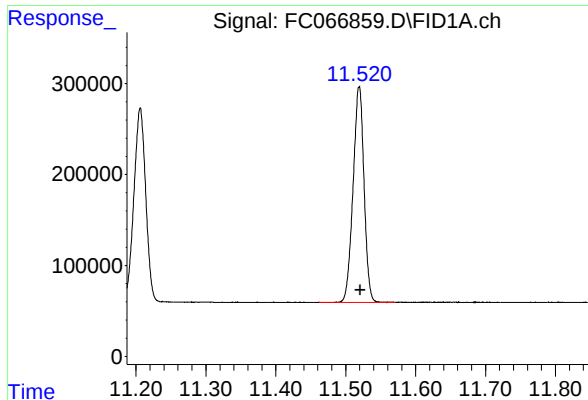
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: -0.003 min
Response: 2511512
Conc: 16.78 ug/ml



#8 n-Octadecane (C18)

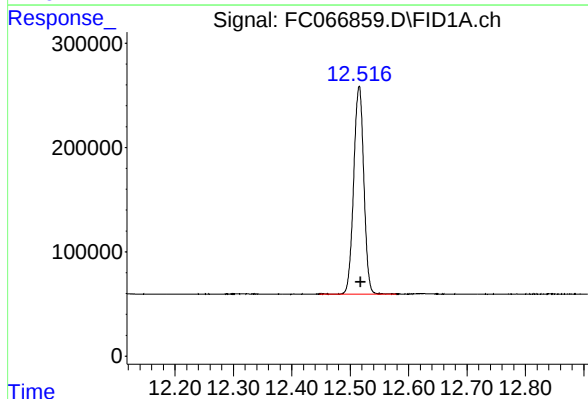
R.T.: 11.206 min
Delta R.T.: -0.003 min
Response: 2528975
Conc: 17.04 ug/ml



#9 ortho-Terphenyl (SURR)

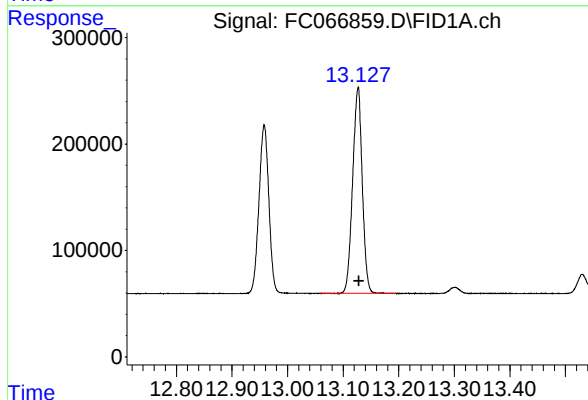
R.T.: 11.519 min
Delta R.T.: -0.002 min
Response: 2588174
Conc: 16.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



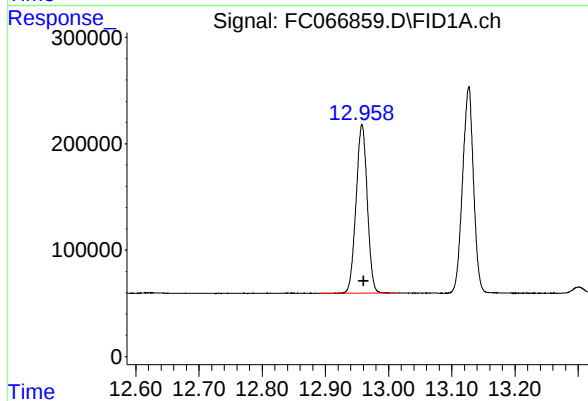
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.003 min
Response: 2395001
Conc: 17.18 ug/ml



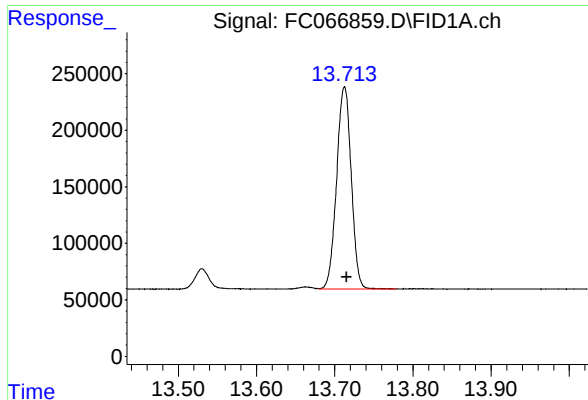
#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: -0.002 min
Response: 2333145
Conc: 17.13 ug/ml



#12 1-chlorooctadecane (SURR)

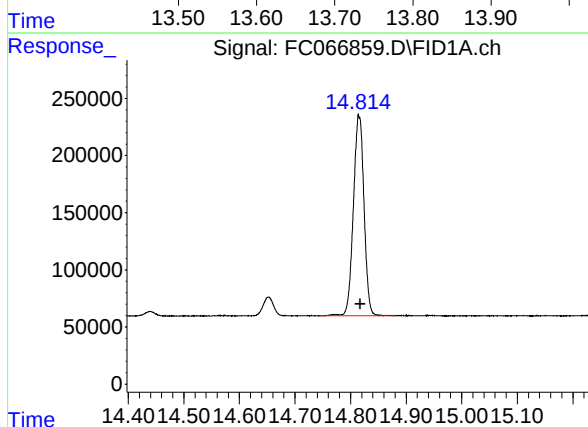
R.T.: 12.958 min
Delta R.T.: -0.003 min
Response: 1951461
Conc: 17.45 ug/ml



#13 n-Docosane (C22)

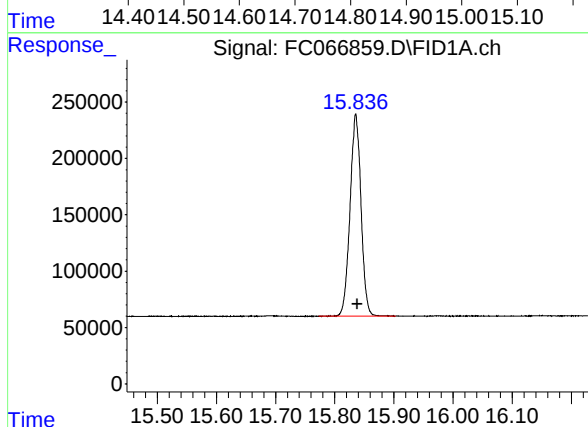
R.T.: 13.712 min
Delta R.T.: -0.003 min
Response: 2321635
Conc: 17.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



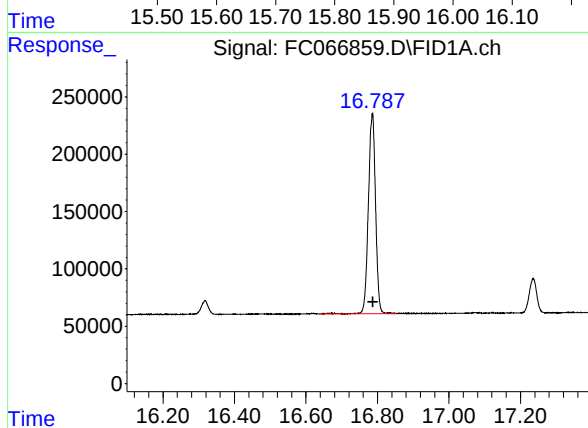
#14 n-Tetracosane (C24)

R.T.: 14.815 min
Delta R.T.: -0.002 min
Response: 2337103
Conc: 17.57 ug/ml



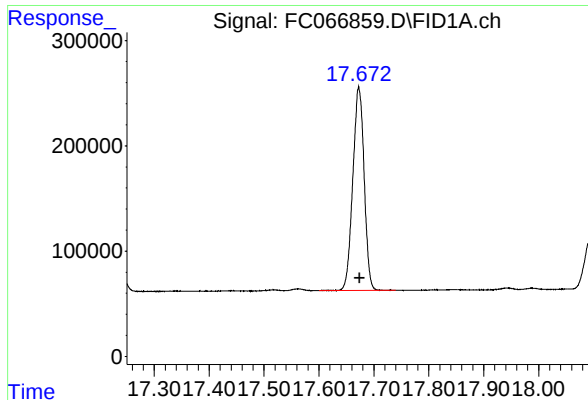
#15 n-Hexacosane (C26)

R.T.: 15.836 min
Delta R.T.: -0.003 min
Response: 2314793
Conc: 17.79 ug/ml



#16 n-Octacosane (C28)

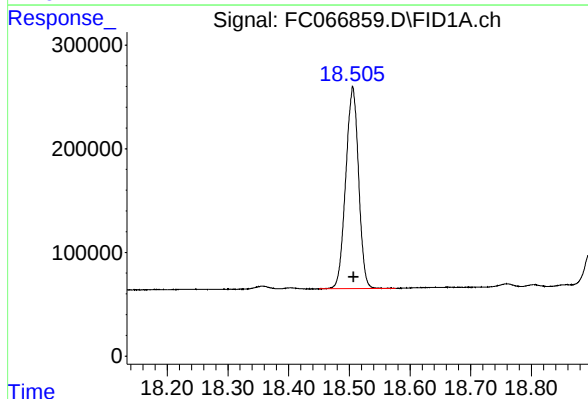
R.T.: 16.785 min
Delta R.T.: -0.002 min
Response: 2432342
Conc: 19.28 ug/ml



#17 n-Tricontane (C30)

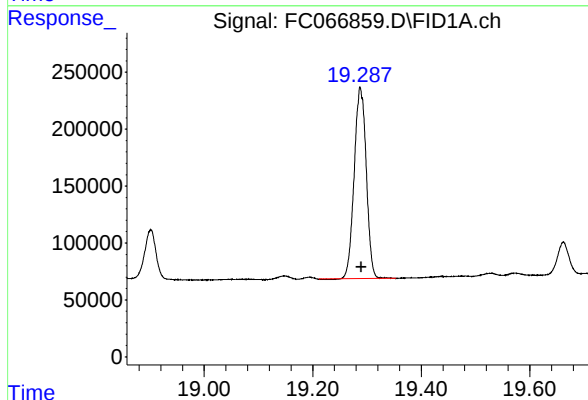
R.T.: 17.673 min
Delta R.T.: -0.002 min
Response: 2768818
Conc: 21.53 ug/ml

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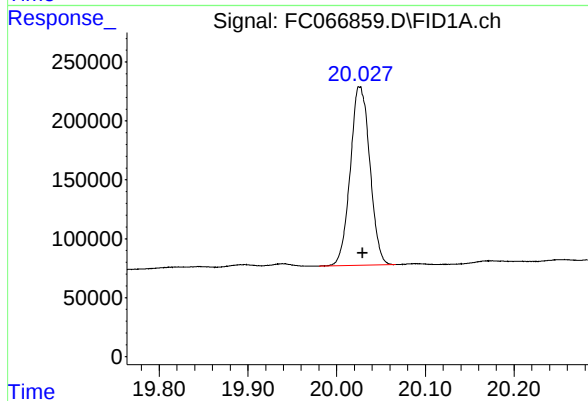
#18 n-Dotriacontane (C32)

R.T.: 18.506 min
Delta R.T.: -0.001 min
Response: 2862128
Conc: 22.73 ug/ml



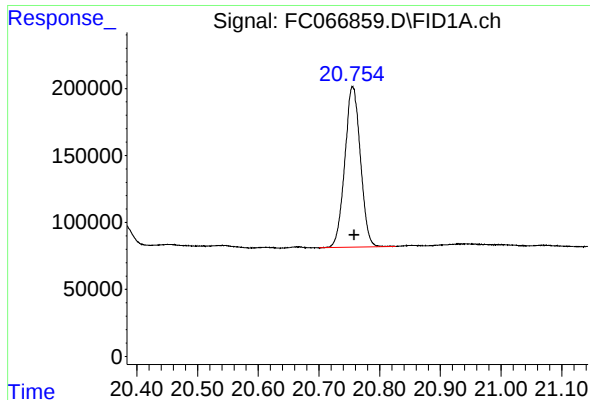
#19 n-Tetatriacontane (C34)

R.T.: 19.288 min
Delta R.T.: -0.002 min
Response: 2595877
Conc: 20.98 ug/ml



#20 n-Hexatriacontane (C36)

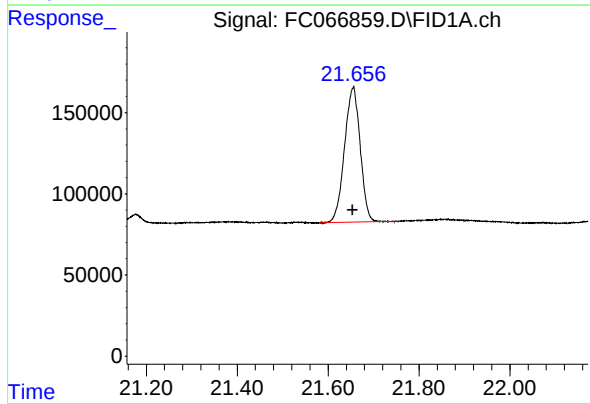
R.T.: 20.026 min
Delta R.T.: -0.003 min
Response: 2321300
Conc: 19.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.756 min
Delta R.T.: -0.003 min
Response: 2140336
Conc: 19.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.655 min
Delta R.T.: 0.000 min
Response: 1991505
Conc: 18.32 ug/ml