

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122922AL\
 Data File : FC062518.D
 Signal(s) : FID1A.ch
 Acq On : 29 Dec 2022 21:27
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 30 06:01:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 2022
 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)	11.567	2851011	20.211 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
12) S 1-chlorooctadecane (S...	13.006	2158903	20.255 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
Target Compounds			
1) T n-Nonane (C9)	3.315	2610822	20.300 ug/ml
2) T n-Decane (C10)	4.385	2581105	20.749 ug/ml
3) T A~Naphthalene (C11.7)	5.973	2919555	20.575 ug/ml
4) T n-Dodecane (C12)	6.410	2594562	20.714 ug/ml
5) T A~2-methylnaphthalene...	7.032	2727596	21.213 ug/ml
6) T n-Tetradecane (C14)	8.208	2561803	21.035 ug/ml
7) T n-Hexadecane (C16)	9.809	2588054	20.619 ug/ml
8) T n-Octadecane (C18)	11.253	2612987	20.453 ug/ml
10) T n-Eicosane (C20)	12.561	2513584	20.207 ug/ml
11) T n-Heneicosane (C21)	13.173	2508385	20.298 ug/ml
13) T n-Docosane (C22)	13.759	2448706	20.158 ug/ml
14) T n-Tetracosane (C24)	14.859	2405630	20.069 ug/ml
15) T n-Hexacosane (C26)	15.881	2324125	20.007 ug/ml
16) T n-Octacosane (C28)	16.829	2268094	19.956 ug/ml
17) T n-Tricontane (C30)	17.714	2249517	20.121 ug/ml
18) T n-Dotriacontane (C32)	18.546	2263556	20.371 ug/ml
19) T n-Tetratriacontane (C34)	19.327	2250401	20.802 ug/ml
20) T n-Hexatriacontane (C36)	20.064	2267059	22.330 ug/ml
21) T n-Octatriacontane (C38)	20.797	2172287	21.233 ug/ml
22) T n-Tetracontane (C40)	21.711	2298330	22.678 ug/ml

(f)=RT Delta > 1/2 Window

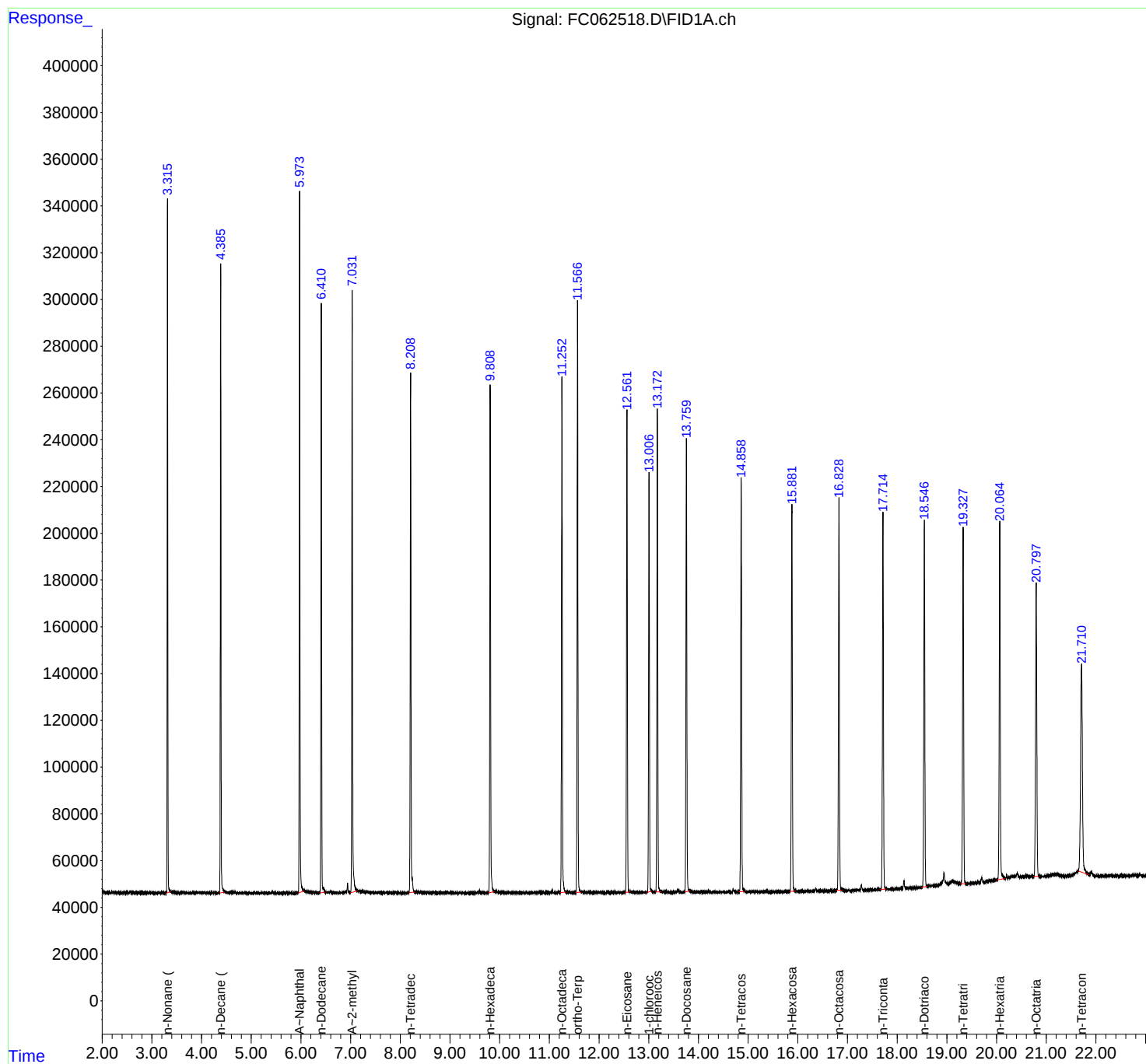
(m)=manual int.

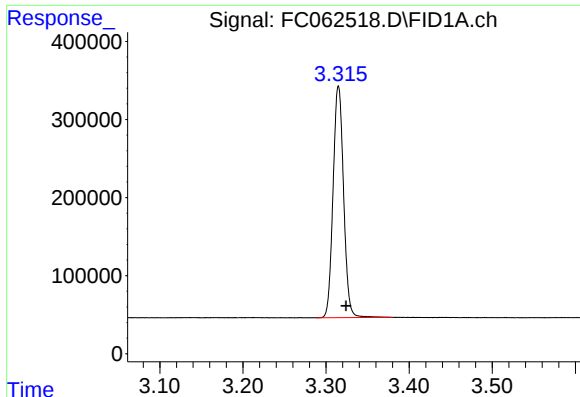
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122922AL\
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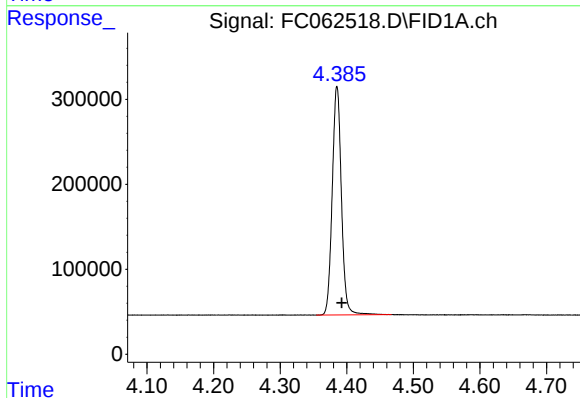




#1 n-Nonane (C9)

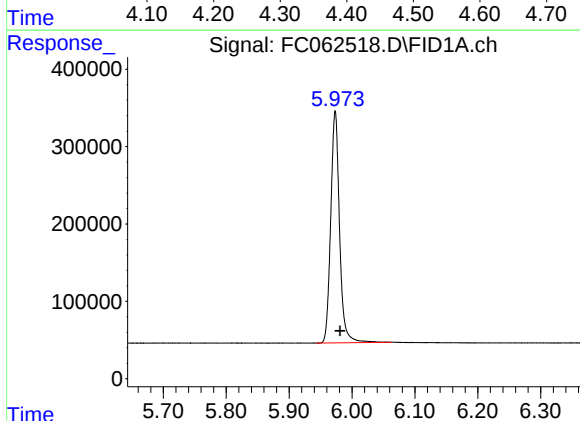
R.T.: 3.315 min
Delta R.T.: -0.009 min
Response: 2610822
Conc: 20.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



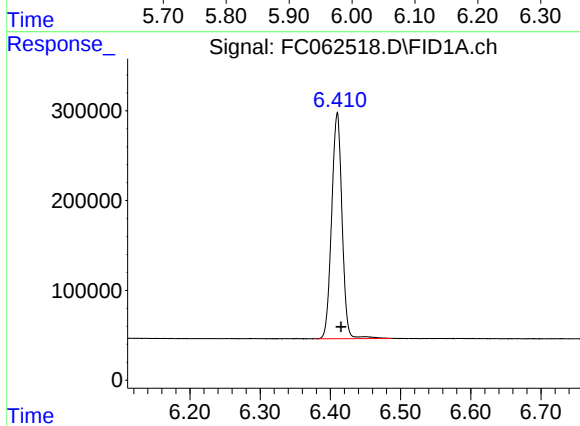
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: -0.007 min
Response: 2581105
Conc: 20.75 ug/ml



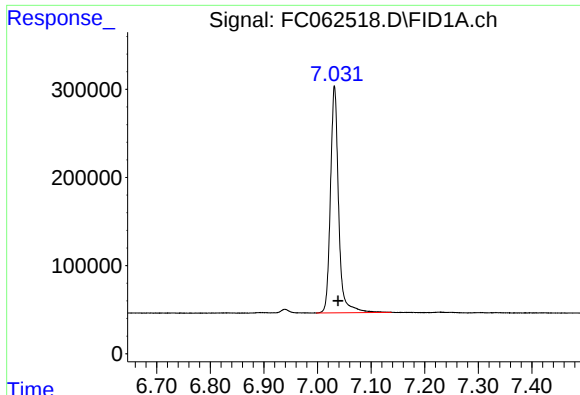
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.007 min
Response: 2919555
Conc: 20.57 ug/ml



#4 n-Dodecane (C12)

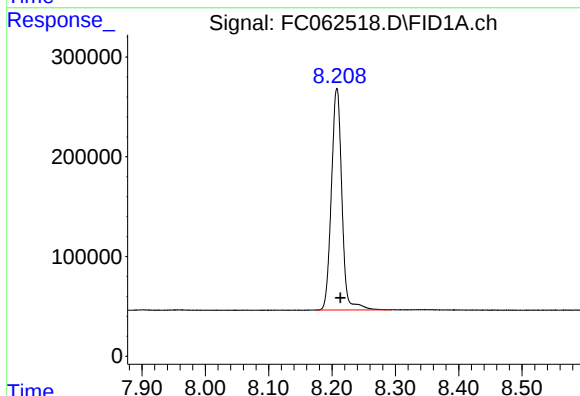
R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 2594562
Conc: 20.71 ug/ml



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

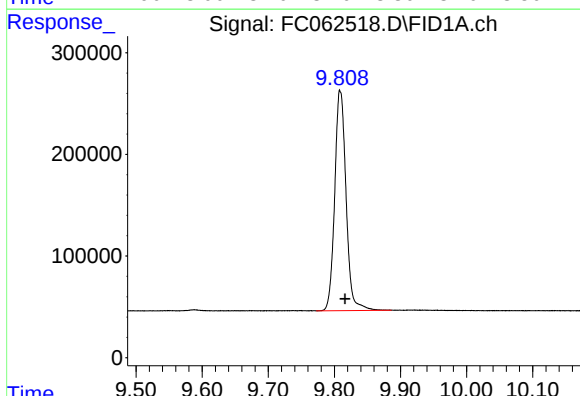
R.T.: 7.032 min
Delta R.T.: -0.006 min
Response: 2727596
Conc: 21.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



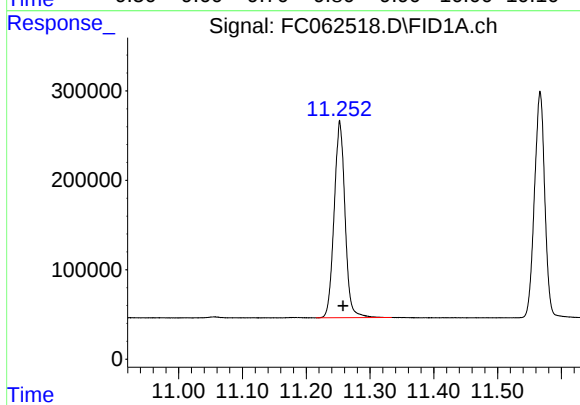
#6 n-Tetradecane (C14)

R.T.: 8.208 min
Delta R.T.: -0.005 min
Response: 2561803
Conc: 21.04 ug/ml



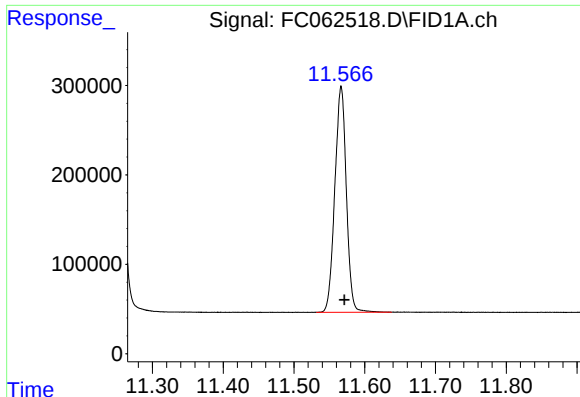
#7 n-Hexadecane (C16)

R.T.: 9.809 min
Delta R.T.: -0.007 min
Response: 2588054
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

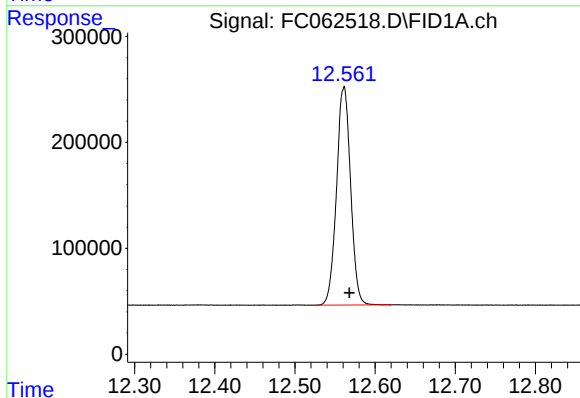
R.T.: 11.253 min
Delta R.T.: -0.005 min
Response: 2612987
Conc: 20.45 ug/ml



#9 ortho-Terphenyl (SURR)

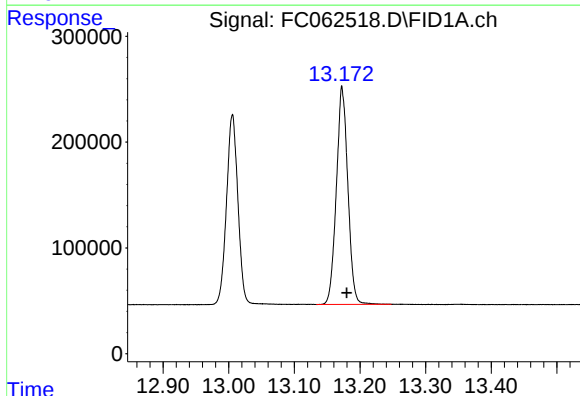
R.T.: 11.567 min
Delta R.T.: -0.005 min
Response: 2851011
Conc: 20.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



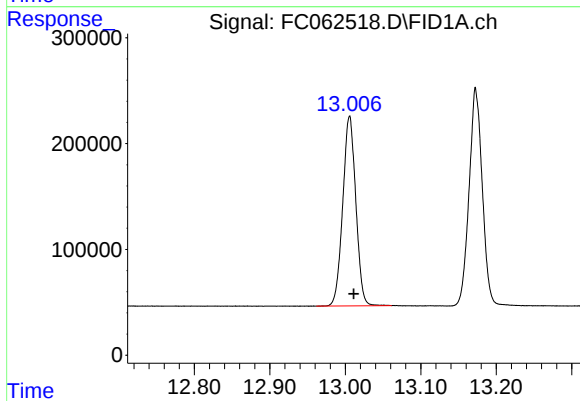
#10 n-Eicosane (C20)

R.T.: 12.561 min
Delta R.T.: -0.007 min
Response: 2513584
Conc: 20.21 ug/ml



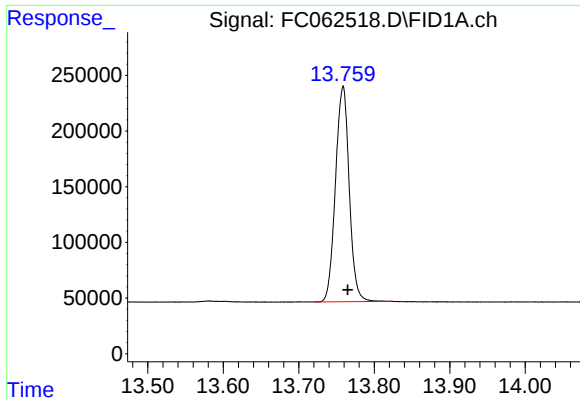
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: -0.007 min
Response: 2508385
Conc: 20.30 ug/ml



#12 1-chlorooctadecane (SURR)

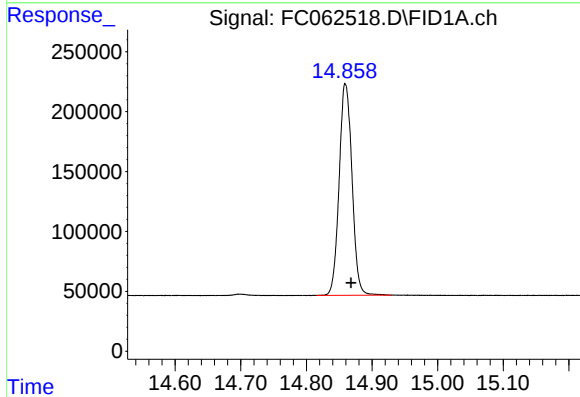
R.T.: 13.006 min
Delta R.T.: -0.006 min
Response: 2158903
Conc: 20.26 ug/ml



#13 n-Docosane (C22)

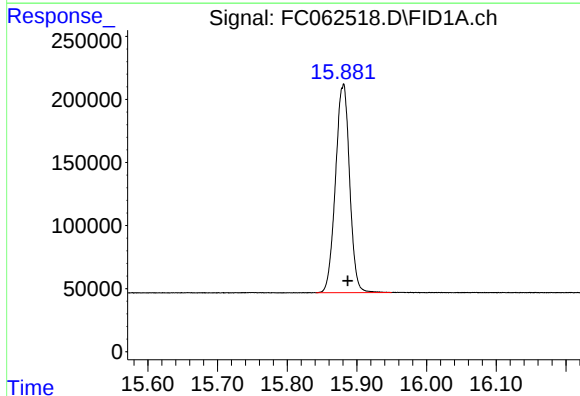
R.T.: 13.759 min
Delta R.T.: -0.006 min
Response: 2448706
Conc: 20.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



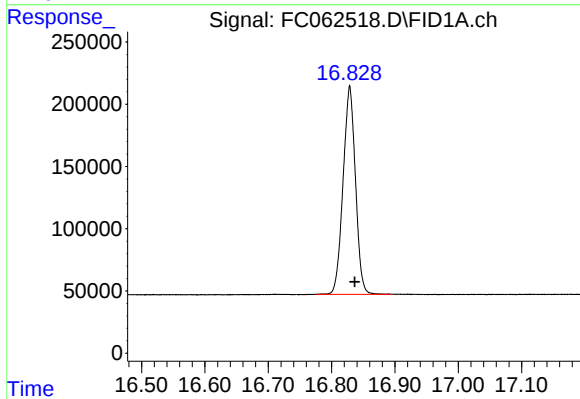
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: -0.009 min
Response: 2405630
Conc: 20.07 ug/ml



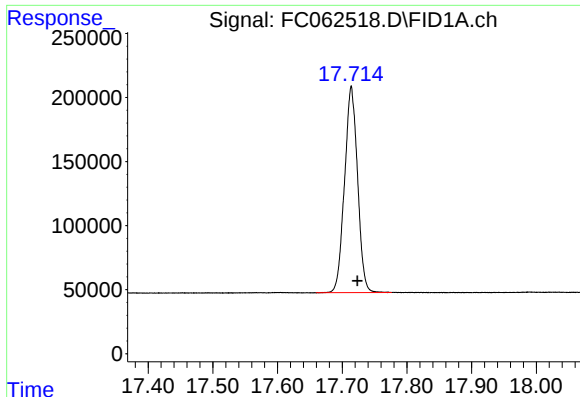
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: -0.006 min
Response: 2324125
Conc: 20.01 ug/ml



#16 n-Octacosane (C28)

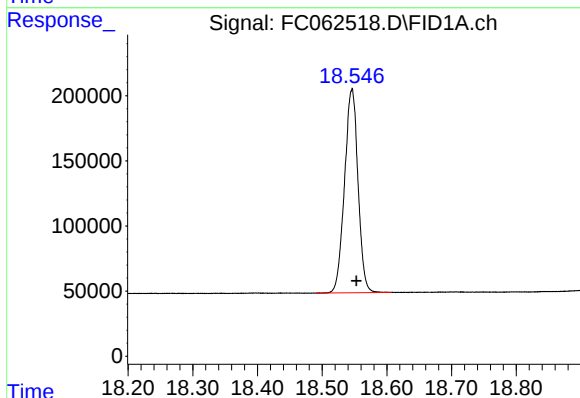
R.T.: 16.829 min
Delta R.T.: -0.008 min
Response: 2268094
Conc: 19.96 ug/ml



#17 n-Tricontane (C30)

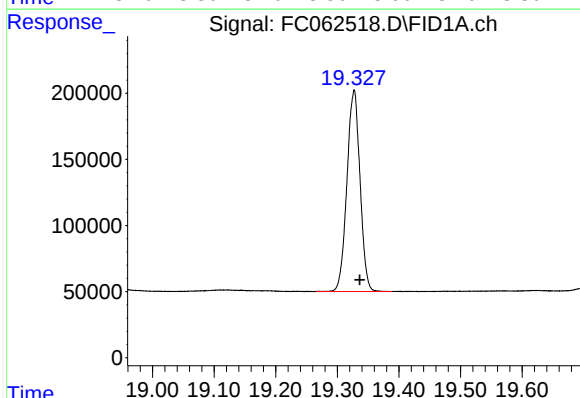
R.T.: 17.714 min
Delta R.T.: -0.009 min
Response: 2249517
Conc: 20.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



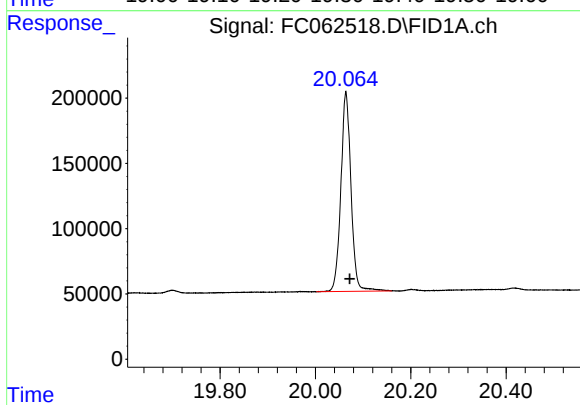
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: -0.007 min
Response: 2263556
Conc: 20.37 ug/ml



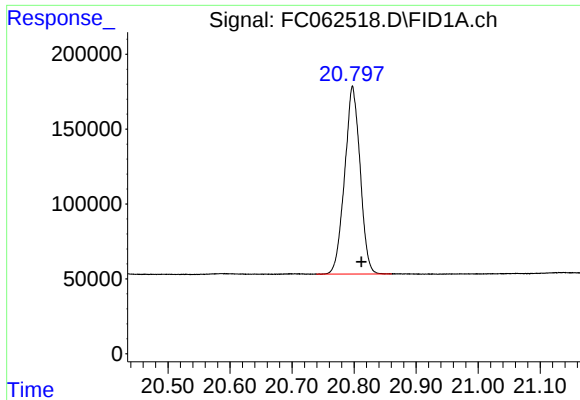
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.009 min
Response: 2250401
Conc: 20.80 ug/ml



#20 n-Hexatriacontane (C36)

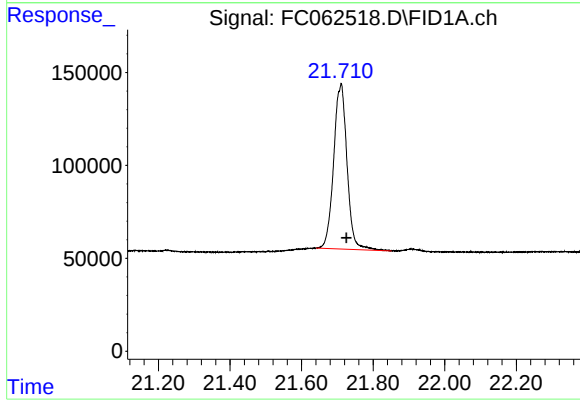
R.T.: 20.064 min
Delta R.T.: -0.008 min
Response: 2267059
Conc: 22.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: -0.014 min
Response: 2172287
Conc: 21.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.711 min
Delta R.T.: -0.014 min
Response: 2298330
Conc: 22.68 ug/ml