

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111524AL\
 Data File : FC067785.D
 Signal(s) : FID1A.ch
 Acq On : 15 Nov 2024 21:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 16 08:26:11 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)	11.489	3902550	20.129 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
12) S 1-chlorooctadecane (S...	12.927	2900599	19.982 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
Target Compounds			
1) T n-Nonane (C9)	3.272	3290438	20.173 ug/ml
2) T n-Decane (C10)	4.334	3357612	20.247 ug/ml
3) T A~Naphthalene (C11.7)	5.910	3716102	20.289 ug/ml
4) T n-Dodecane (C12)	6.348	3413863	20.269 ug/ml
5) T A~2-methylnaphthalene...	6.965	3606990	20.338 ug/ml
6) T n-Tetradecane (C14)	8.140	3406762	20.342 ug/ml
7) T n-Hexadecane (C16)	9.738	3526282	20.348 ug/ml
8) T n-Octadecane (C18)	11.178	3573449	20.311 ug/ml
10) T n-Eicosane (C20)	12.486	3388714	20.125 ug/ml
11) T n-Heneicosane (C21)	13.096	3300366	20.058 ug/ml
13) T n-Docosane (C22)	13.681	3237631	19.881 ug/ml
14) T n-Tetracosane (C24)	14.783	3138240	19.567 ug/ml
15) T n-Hexacosane (C26)	15.801	3005129	19.405 ug/ml
16) T n-Octacosane (C28)	16.749	2891715	19.147 ug/ml
17) T n-Tricontane (C30)	17.636	2843664	18.573 ug/ml
18) T n-Dotriacontane (C32)	18.468	2722206	18.432 ug/ml
19) T n-Tetratriacontane (C34)	19.248	2324387	18.428 ug/ml
20) T n-Hexatriacontane (C36)	19.987	2031650	19.425 ug/ml
21) T n-Octatriacontane (C38)	20.709	1886856	19.316 ug/ml
22) T n-Tetracontane (C40)	21.593	1849425	18.975 ug/ml

(f)=RT Delta > 1/2 Window

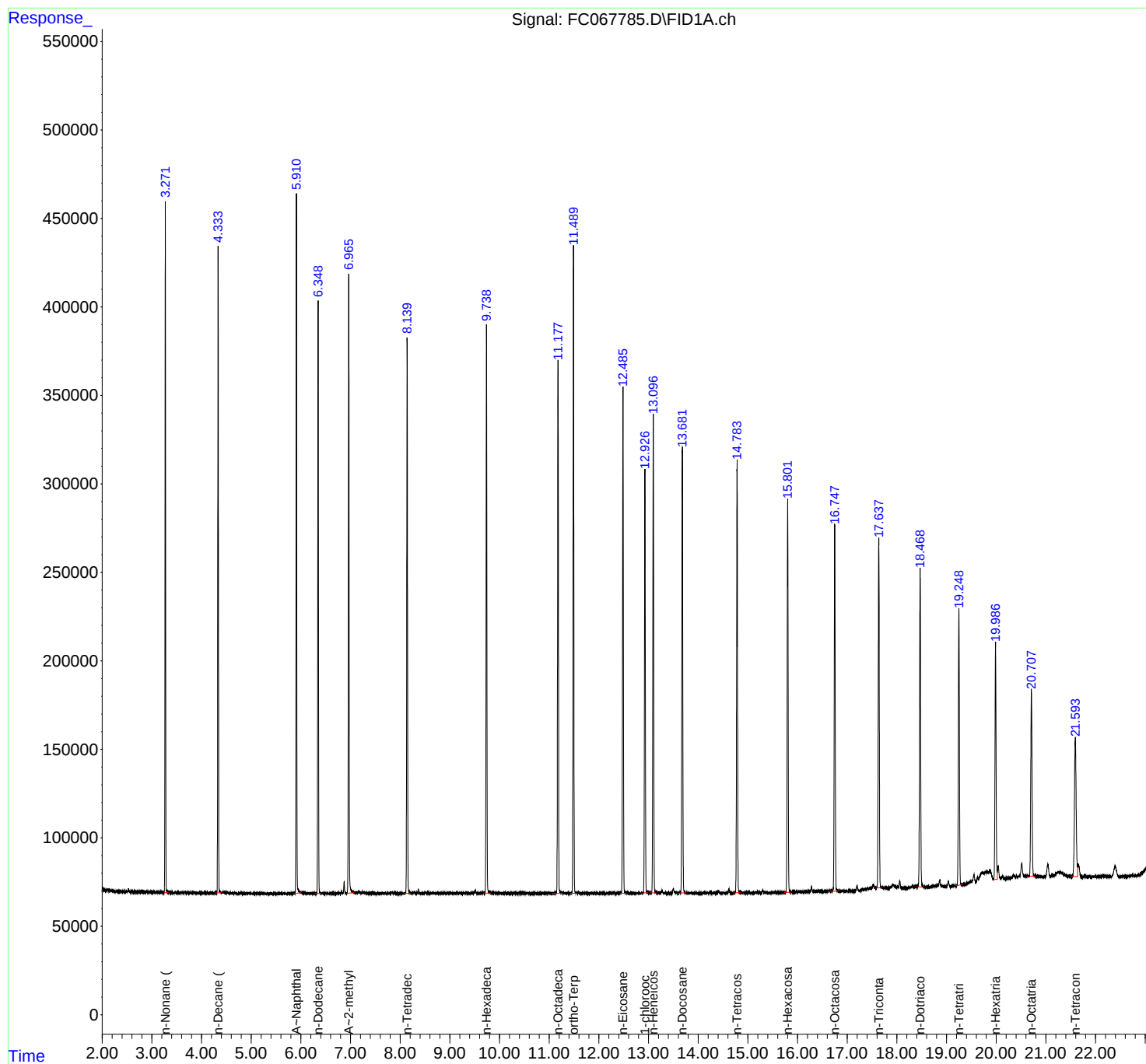
(m)=manual int.

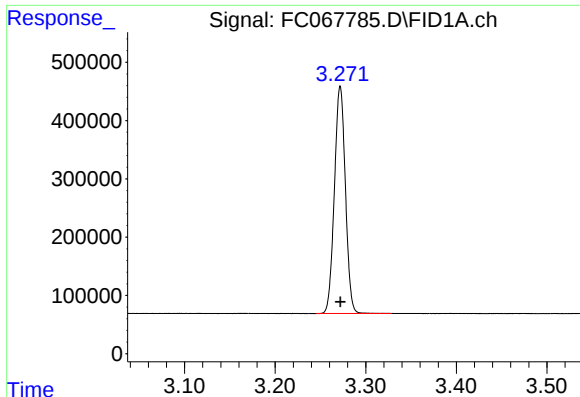
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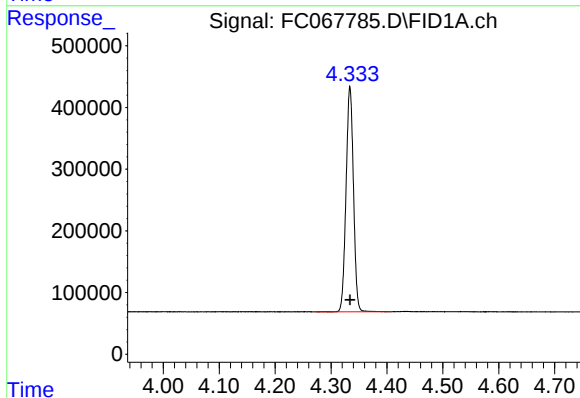




#1 n-Nonane (C9)

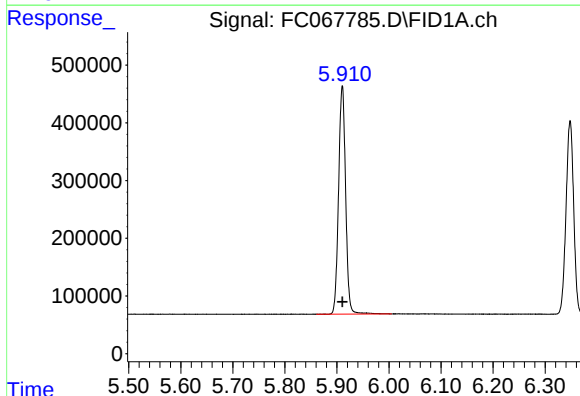
R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 3290438
Conc: 20.17 ug/ml

Instrument :
FID_C
ClientSampleId :



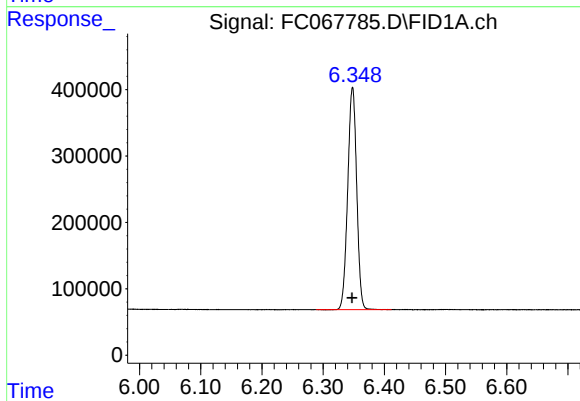
#2 n-Decane (C10)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 3357612
Conc: 20.25 ug/ml



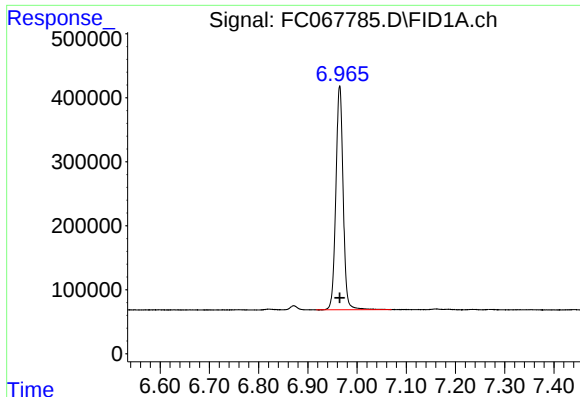
#3 A~Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 3716102
Conc: 20.29 ug/ml



#4 n-Dodecane (C12)

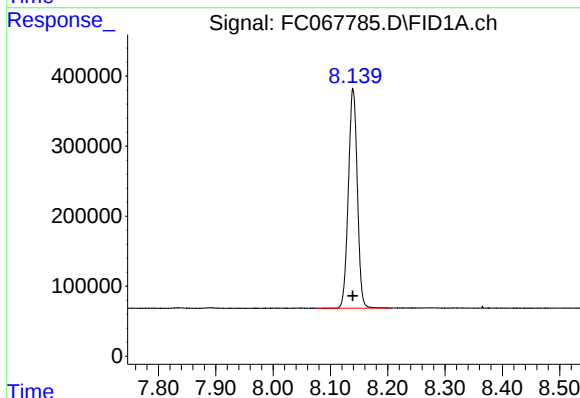
R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 3413863
Conc: 20.27 ug/ml



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

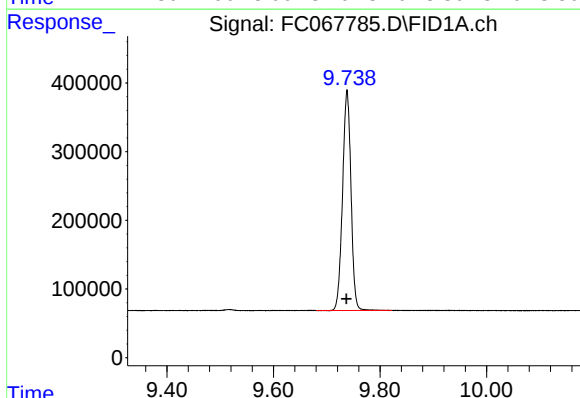
R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 3606990
Conc: 20.34 ug/ml

Instrument :
FID_C
ClientSampleId :



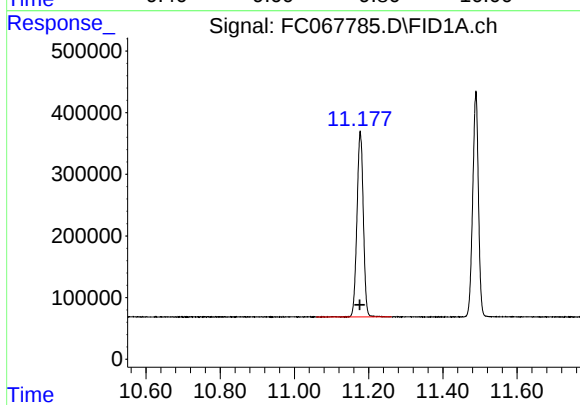
#6 n-Tetradecane (C14)

R.T.: 8.140 min
Delta R.T.: 0.000 min
Response: 3406762
Conc: 20.34 ug/ml



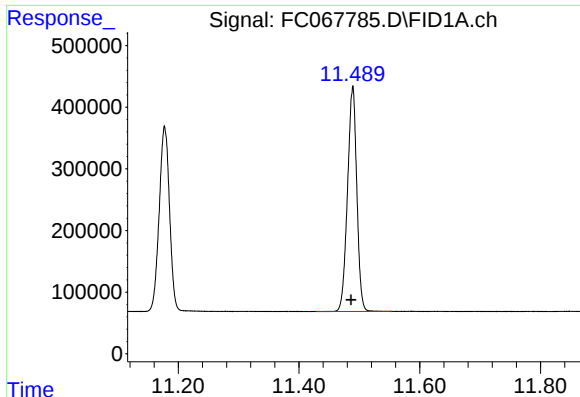
#7 n-Hexadecane (C16)

R.T.: 9.738 min
Delta R.T.: 0.000 min
Response: 3526282
Conc: 20.35 ug/ml



#8 n-Octadecane (C18)

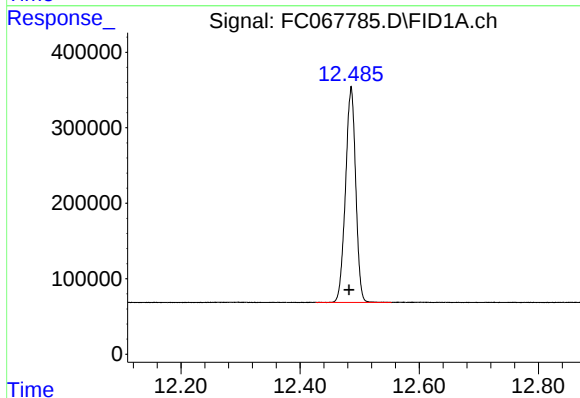
R.T.: 11.178 min
Delta R.T.: 0.001 min
Response: 3573449
Conc: 20.31 ug/ml



#9 ortho-Terphenyl (SURR)

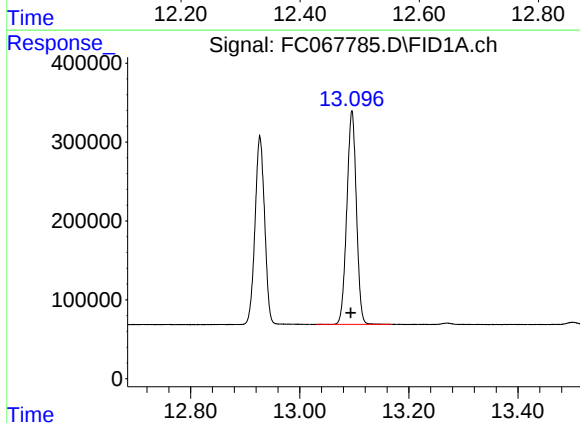
R.T.: 11.489 min
Delta R.T.: 0.002 min
Response: 3902550
Conc: 20.13 ug/ml

Instrument :
FID_C
ClientSampleId :



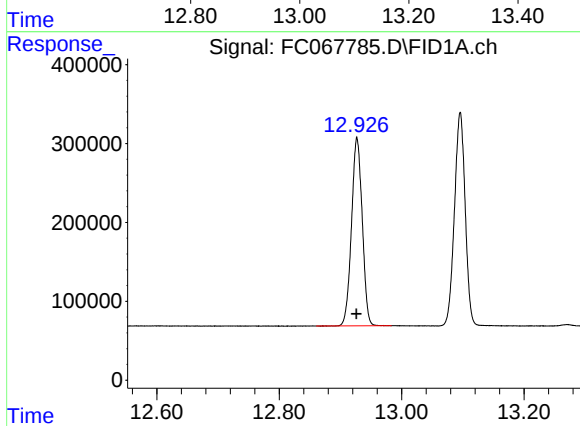
#10 n-Eicosane (C20)

R.T.: 12.486 min
Delta R.T.: 0.003 min
Response: 3388714
Conc: 20.12 ug/ml



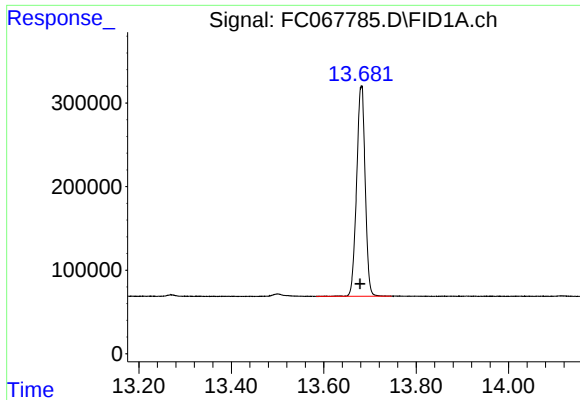
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: 0.002 min
Response: 3300366
Conc: 20.06 ug/ml



#12 1-chlorooctadecane (SURR)

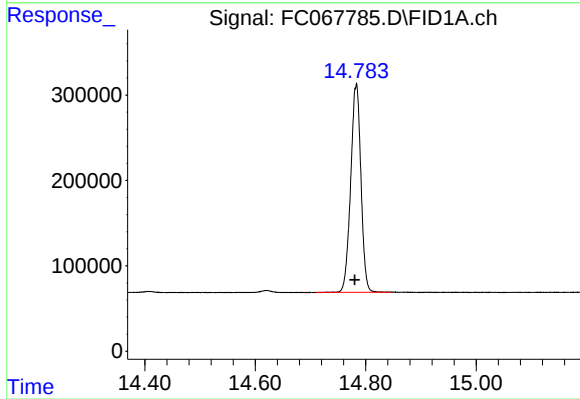
R.T.: 12.927 min
Delta R.T.: 0.001 min
Response: 2900599
Conc: 19.98 ug/ml



#13 n-Docosane (C22)

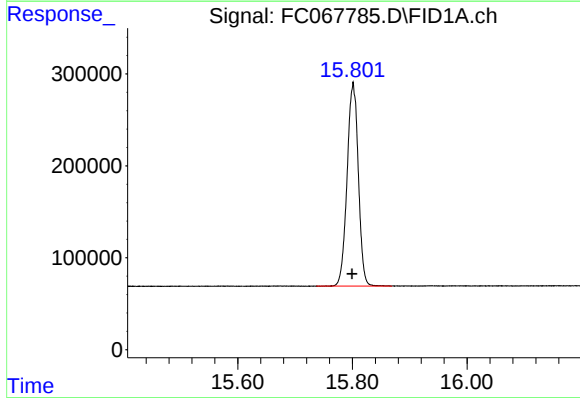
R.T.: 13.681 min
Delta R.T.: 0.002 min
Response: 3237631
Conc: 19.88 ug/ml

Instrument :
FID_C
ClientSampleId :



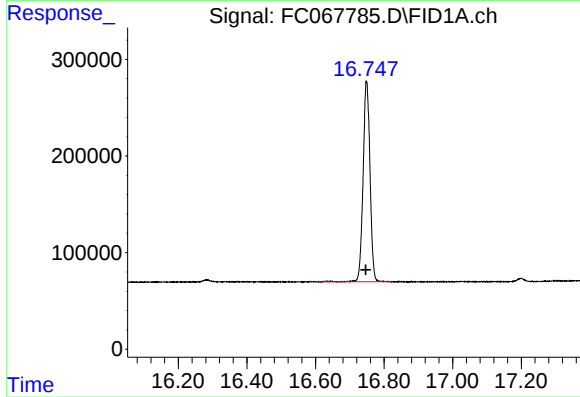
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: 0.003 min
Response: 3138240
Conc: 19.57 ug/ml



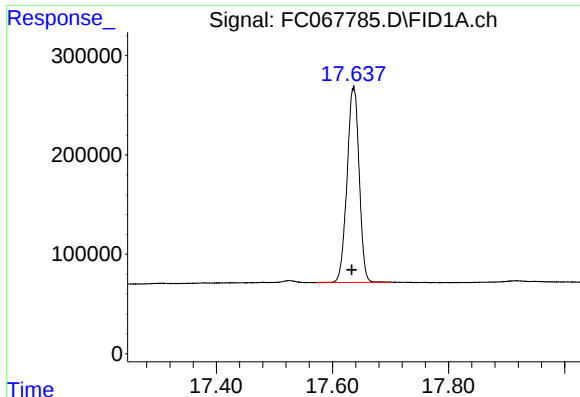
#15 n-Hexacosane (C26)

R.T.: 15.801 min
Delta R.T.: 0.002 min
Response: 3005129
Conc: 19.41 ug/ml



#16 n-Octacosane (C28)

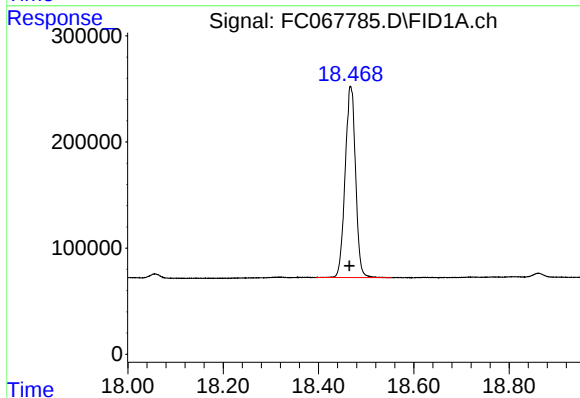
R.T.: 16.749 min
Delta R.T.: 0.002 min
Response: 2891715
Conc: 19.15 ug/ml



#17 n-Tricontane (C30)

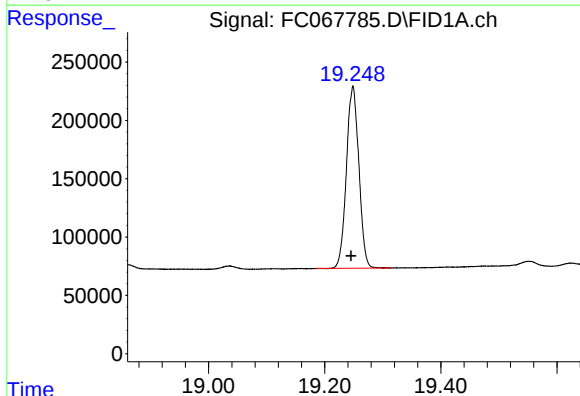
R.T.: 17.636 min
Delta R.T.: 0.003 min
Response: 2843664
Conc: 18.57 ug/ml

Instrument :
FID_C
ClientSampleId :



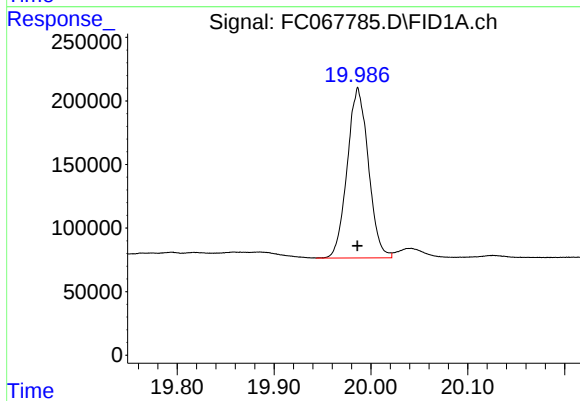
#18 n-Dotriacontane (C32)

R.T.: 18.468 min
Delta R.T.: 0.003 min
Response: 2722206
Conc: 18.43 ug/ml



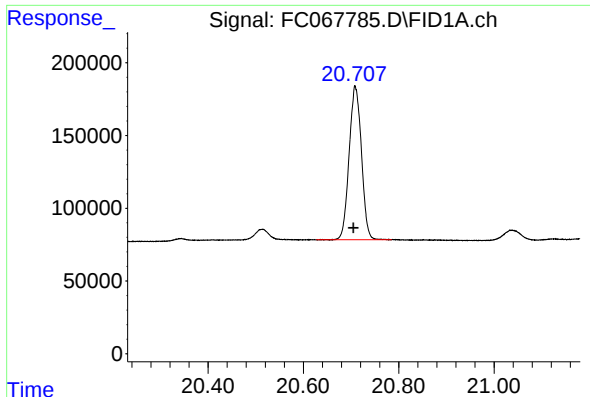
#19 n-Tetratriacontane (C34)

R.T.: 19.248 min
Delta R.T.: 0.003 min
Response: 2324387
Conc: 18.43 ug/ml



#20 n-Hexatriacontane (C36)

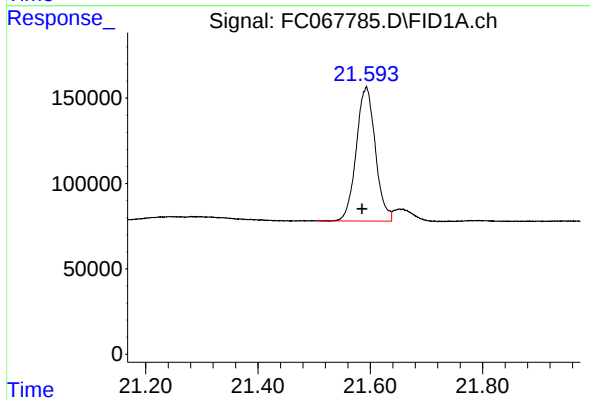
R.T.: 19.987 min
Delta R.T.: 0.000 min
Response: 2031650
Conc: 19.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: 0.004 min
Response: 1886856
Conc: 19.32 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: 0.007 min
Response: 1849425
Conc: 18.97 ug/ml