

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091624AL\
 Data File : FC067143.D
 Signal(s) : FID1A.ch
 Acq On : 16 Sep 2024 17:18
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 17 04:14:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.505	2564456	18.417 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
12) S 1-chlorooctadecane (S...	12.943	1887549	19.323 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
Target Compounds			
1) T n-Nonane (C9)	3.278	2405434	18.134 ug/ml
2) T n-Decane (C10)	4.343	2495001	18.577 ug/ml
3) T A~Naphthalene (C11.7)	5.922	2638511	18.565 ug/ml
4) T n-Dodecane (C12)	6.360	2509868	18.751 ug/ml
5) T A~2-methylnaphthalene...	6.978	2508751	18.787 ug/ml
6) T n-Tetradecane (C14)	8.153	2451371	19.021 ug/ml
7) T n-Hexadecane (C16)	9.752	2494743	19.350 ug/ml
8) T n-Octadecane (C18)	11.194	2509222	19.612 ug/ml
10) T n-Eicosane (C20)	12.500	2355441	19.610 ug/ml
11) T n-Heneicosane (C21)	13.111	2286998	19.582 ug/ml
13) T n-Docosane (C22)	13.697	2262733	19.598 ug/ml
14) T n-Tetracosane (C24)	14.798	2264636	19.942 ug/ml
15) T n-Hexacosane (C26)	15.818	2191413	19.773 ug/ml
16) T n-Octacosane (C28)	16.767	2191016	20.284 ug/ml
17) T n-Tricontane (C30)	17.654	2299753	21.142 ug/ml
18) T n-Dotriacontane (C32)	18.485	2276496	21.825 ug/ml
19) T n-Tetratriacontane (C34)	19.268	2166264	23.480 ug/ml
20) T n-Hexatriacontane (C36)	20.007	1996525	25.194 ug/ml
21) T n-Octatriacontane (C38)	20.731	1858564	24.743 ug/ml
22) T n-Tetracontane (C40)	21.620	1707449	24.439 ug/ml

(f)=RT Delta > 1/2 Window

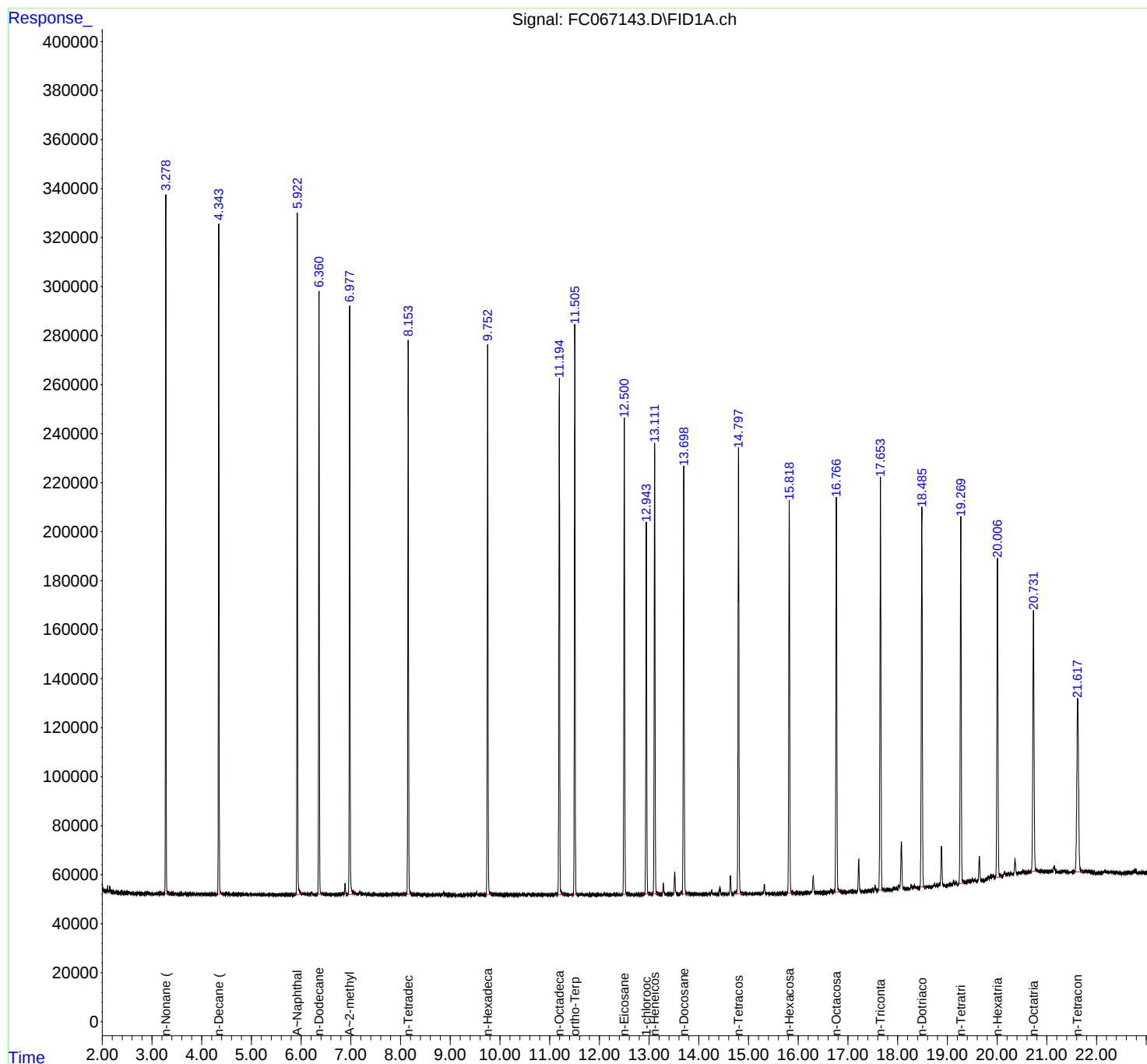
(m)=manual int.

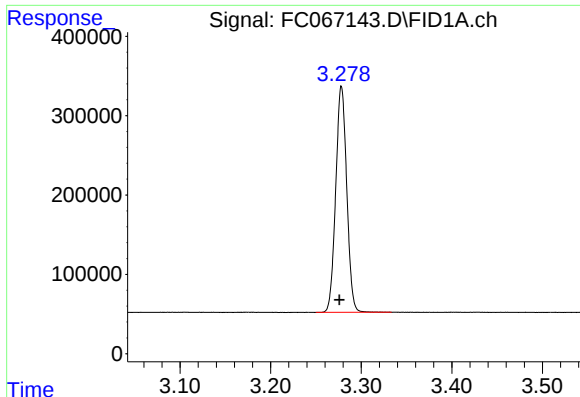
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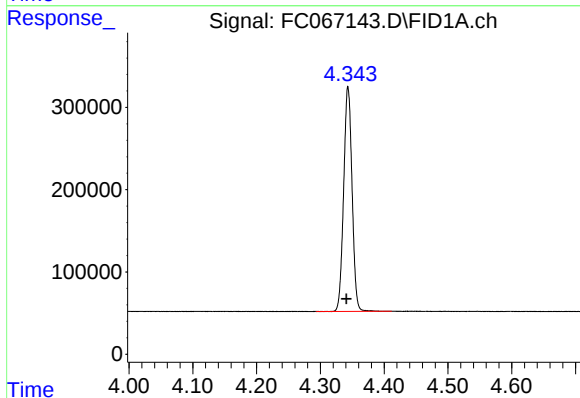




#1 n-Nonane (C9)

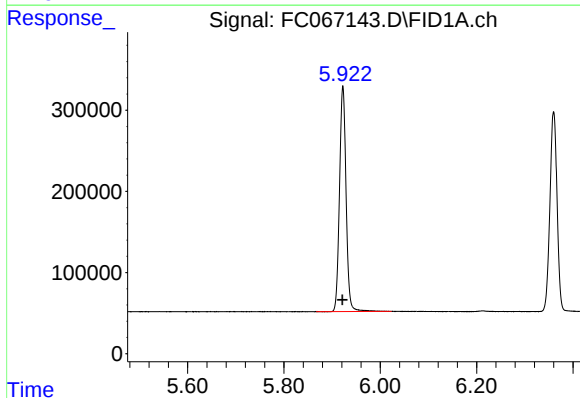
R.T.: 3.278 min
Delta R.T.: 0.002 min
Response: 2405434
Conc: 18.13 ug/ml

Instrument :
FID_C
ClientSampleId :



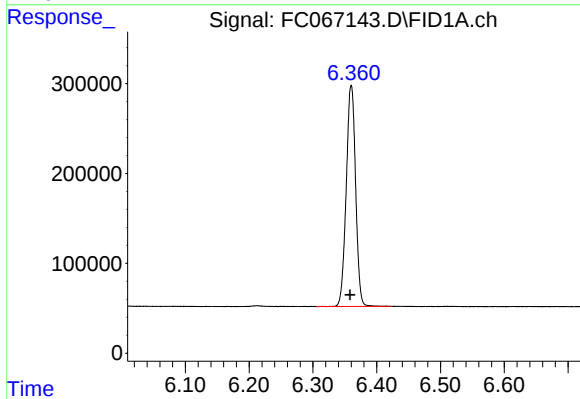
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.003 min
Response: 2495001
Conc: 18.58 ug/ml



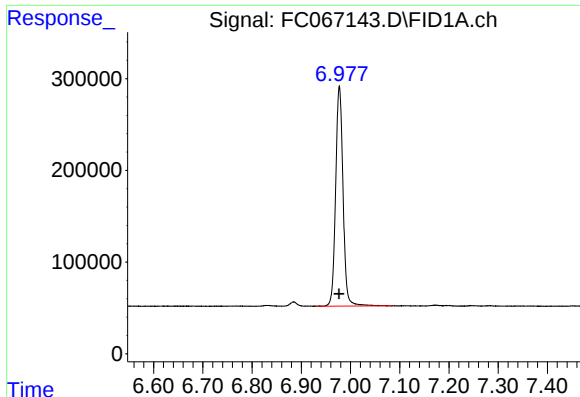
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 2638511
Conc: 18.56 ug/ml



#4 n-Dodecane (C12)

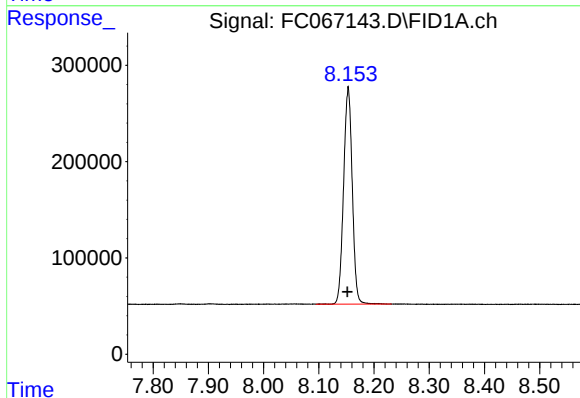
R.T.: 6.360 min
Delta R.T.: 0.002 min
Response: 2509868
Conc: 18.75 ug/ml



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

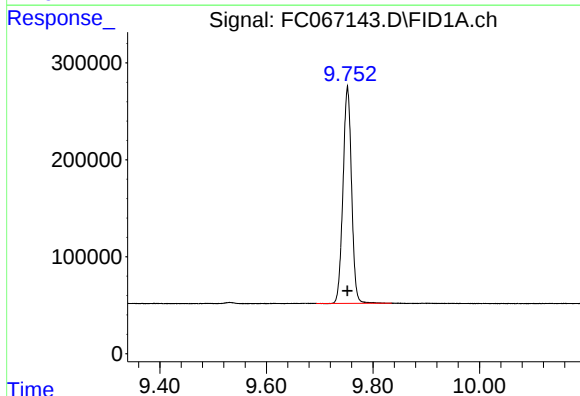
R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 2508751
Conc: 18.79 ug/ml

Instrument :
FID_C
ClientSampleId :



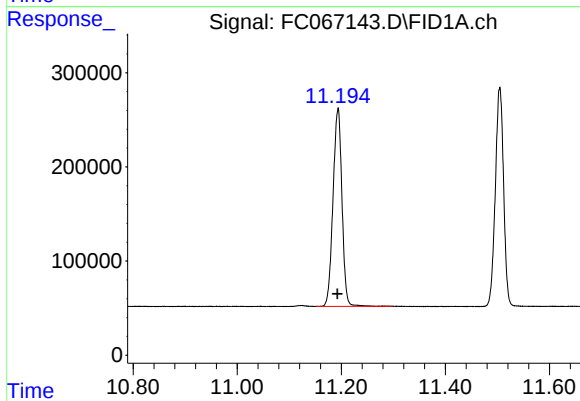
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 2451371
Conc: 19.02 ug/ml



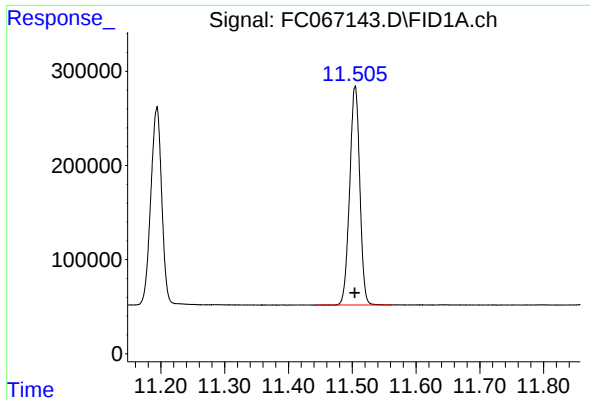
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.000 min
Response: 2494743
Conc: 19.35 ug/ml



#8 n-Octadecane (C18)

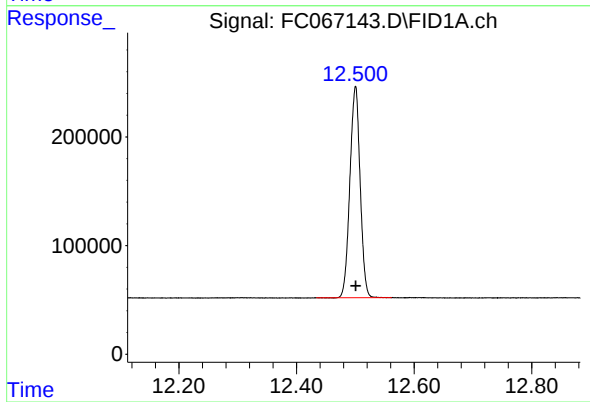
R.T.: 11.194 min
Delta R.T.: 0.000 min
Response: 2509222
Conc: 19.61 ug/ml



#9 ortho-Terphenyl (SURR)

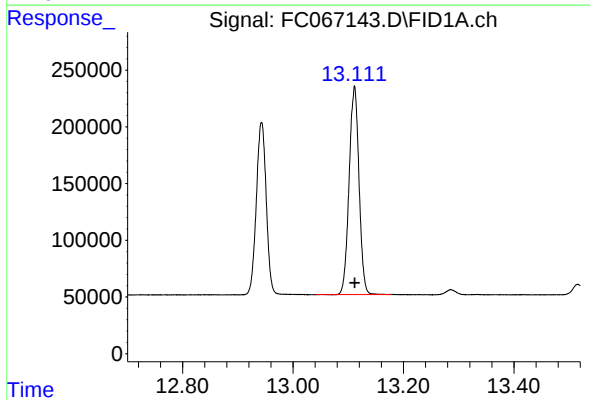
R.T.: 11.505 min
Delta R.T.: 0.000 min
Response: 2564456
Conc: 18.42 ug/ml

Instrument :
FID_C
ClientSampleId :



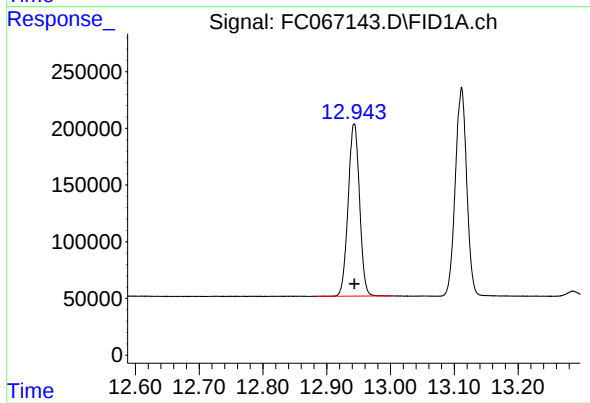
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: 0.000 min
Response: 2355441
Conc: 19.61 ug/ml



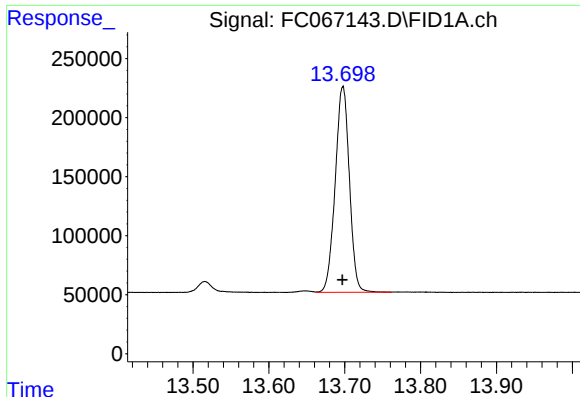
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: 0.000 min
Response: 2286998
Conc: 19.58 ug/ml



#12 1-chlorooctadecane (SURR)

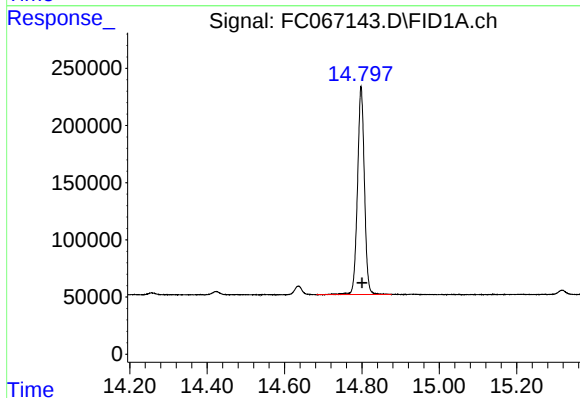
R.T.: 12.943 min
Delta R.T.: 0.000 min
Response: 1887549
Conc: 19.32 ug/ml



#13 n-Docosane (C22)

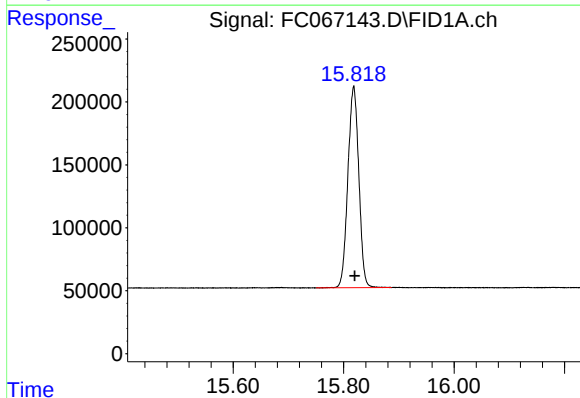
R.T.: 13.697 min
Delta R.T.: 0.000 min
Response: 2262733
Conc: 19.60 ug/ml

Instrument :
FID_C
ClientSampleId :



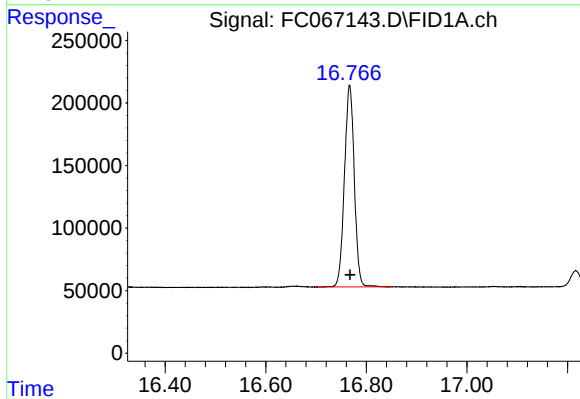
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: -0.003 min
Response: 2264636
Conc: 19.94 ug/ml



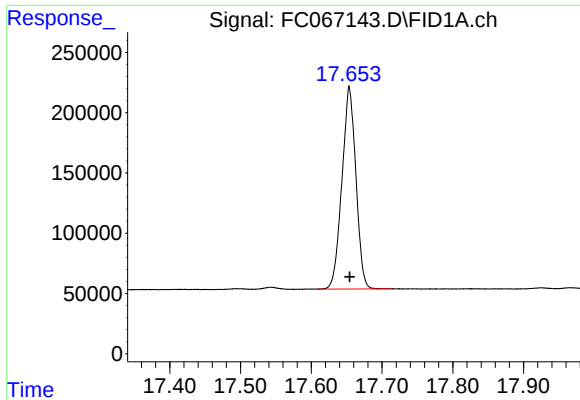
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: -0.002 min
Response: 2191413
Conc: 19.77 ug/ml



#16 n-Octacosane (C28)

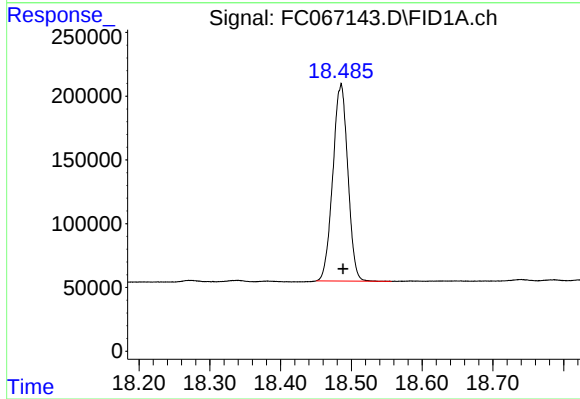
R.T.: 16.767 min
Delta R.T.: -0.001 min
Response: 2191016
Conc: 20.28 ug/ml



#17 n-Tricontane (C30)

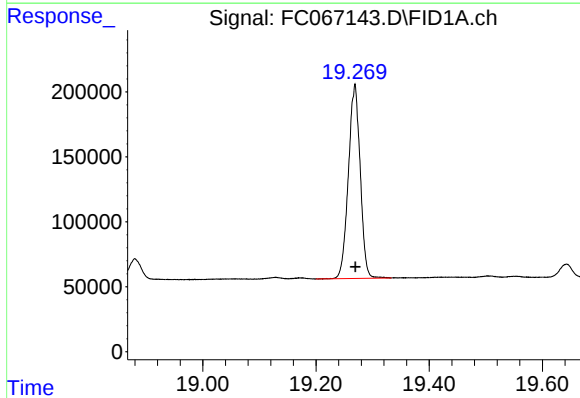
R.T.: 17.654 min
Delta R.T.: 0.000 min
Response: 2299753
Conc: 21.14 ug/ml

Instrument :
FID_C
ClientSampleId :



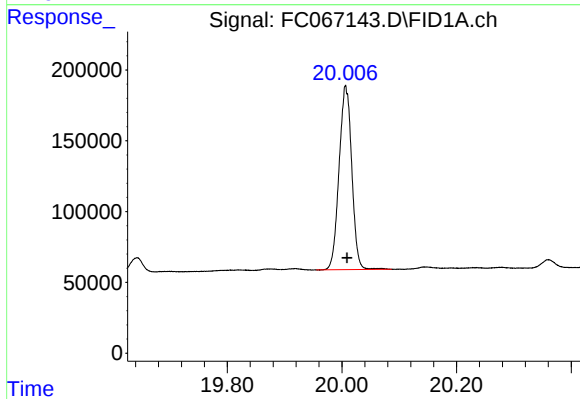
#18 n-Dotriacontane (C32)

R.T.: 18.485 min
Delta R.T.: -0.003 min
Response: 2276496
Conc: 21.83 ug/ml



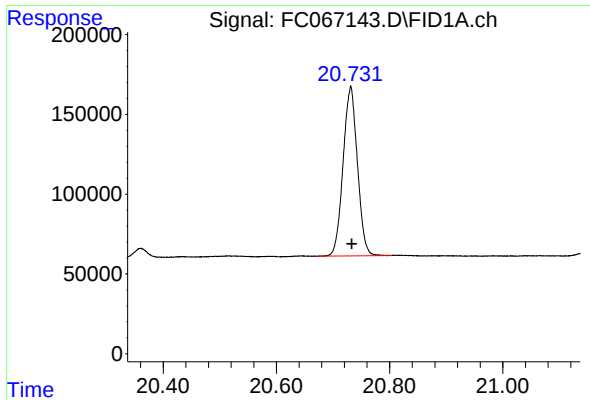
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.002 min
Response: 2166264
Conc: 23.48 ug/ml



#20 n-Hexatriacontane (C36)

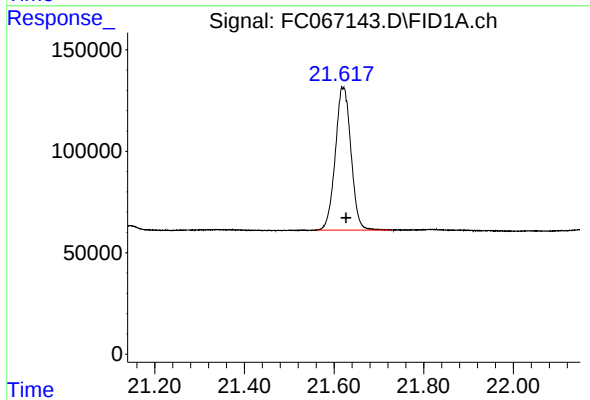
R.T.: 20.007 min
Delta R.T.: -0.002 min
Response: 1996525
Conc: 25.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.731 min
Delta R.T.: -0.002 min
Response: 1858564
Conc: 24.74 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.620 min
Delta R.T.: -0.007 min
Response: 1707449
Conc: 24.44 ug/ml