

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032725AL\
 Data File : FC068429.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 20:42
 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: Mar 28 02:49:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 13:35:27 2025
 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)	11.384	3801922	19.141 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
12) S 1-chlorooctadecane (S...	12.826	2858205	19.173 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
Target Compounds			
1) T n-Nonane (C9)	3.197	3095640	19.355 ug/ml
2) T n-Decane (C10)	4.254	3164674	19.522 ug/ml
3) T A~Naphthalene (C11.7)	5.818	3474222	19.664 ug/ml
4) T n-Dodecane (C12)	6.260	3207606	19.451 ug/ml
5) T A~2-methylnaphthalene...	6.870	3362589	19.769 ug/ml
6) T n-Tetradecane (C14)	8.047	3200734	19.453 ug/ml
7) T n-Hexadecane (C16)	9.642	3353715	19.515 ug/ml
8) T n-Octadecane (C18)	11.080	3402630	19.385 ug/ml
10) T n-Eicosane (C20)	12.385	3296403	19.247 ug/ml
11) T n-Heneicosane (C21)	12.995	3237856	19.303 ug/ml
13) T n-Docosane (C22)	13.580	3214150	19.053 ug/ml
14) T n-Tetracosane (C24)	14.680	3176735	18.549 ug/ml
15) T n-Hexacosane (C26)	15.698	3117760	18.524 ug/ml
16) T n-Octacosane (C28)	16.646	3041094	18.187 ug/ml
17) T n-Tricontane (C30)	17.532	3109365	17.833 ug/ml
18) T n-Dotriacontane (C32)	18.364	2987924	17.849 ug/ml
19) T n-Tetratriacontane (C34)	19.145	2614263	17.724 ug/ml
20) T n-Hexatriacontane (C36)	19.883	2246415	18.356 ug/ml
21) T n-Octatriacontane (C38)	20.593	2098654	19.543 ug/ml
22) T n-Tetracontane (C40)	21.438	2003715	20.445 ug/ml

(f)=RT Delta > 1/2 Window

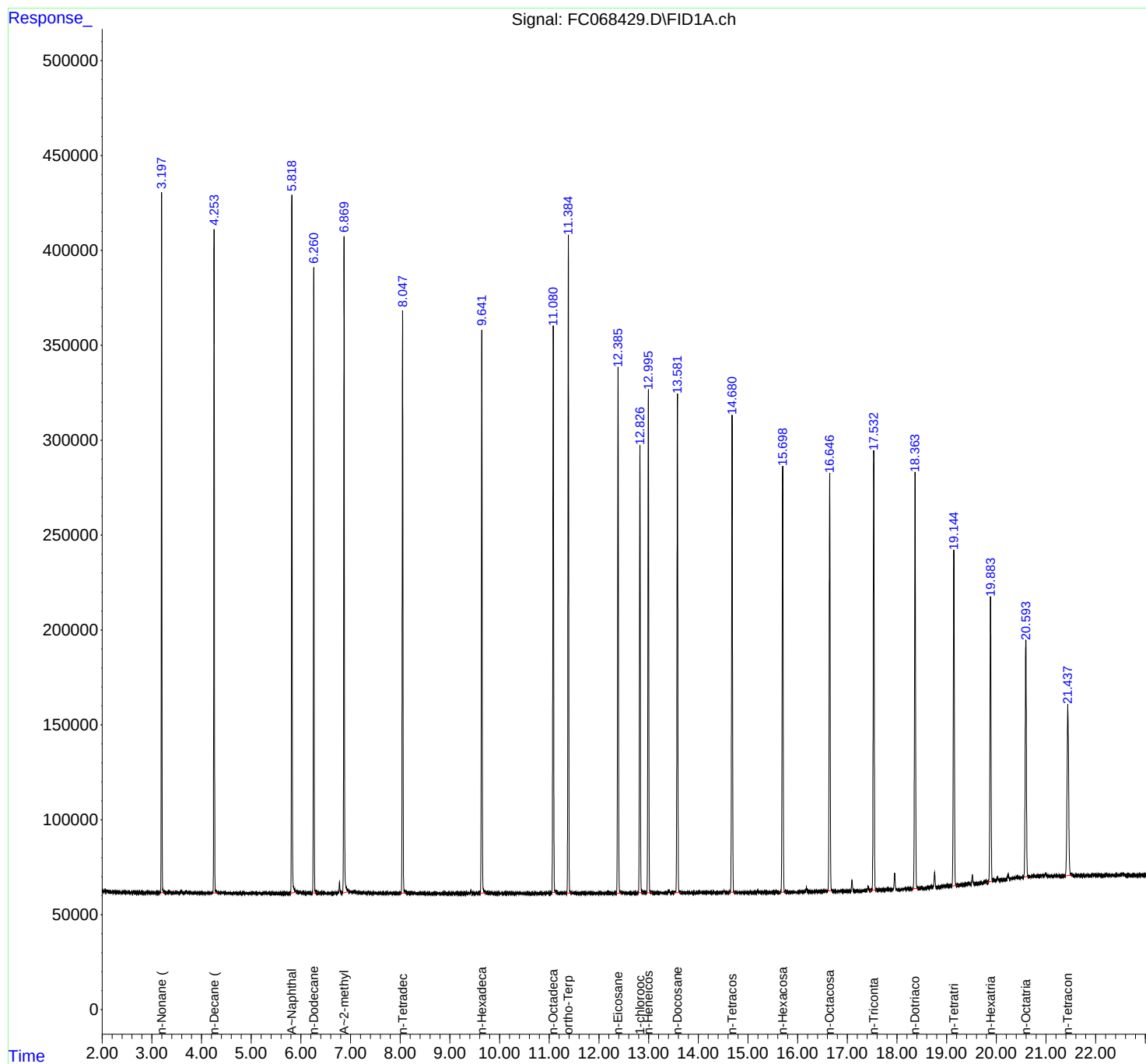
(m)=manual int.

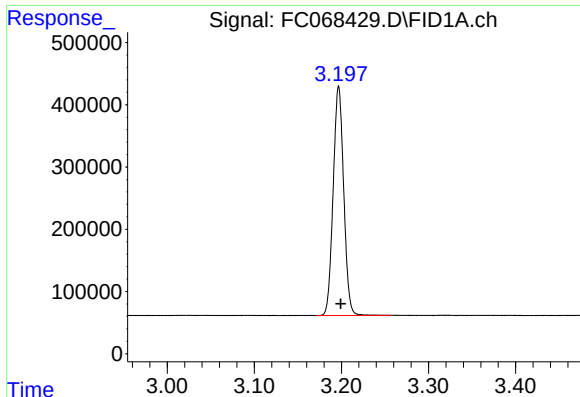
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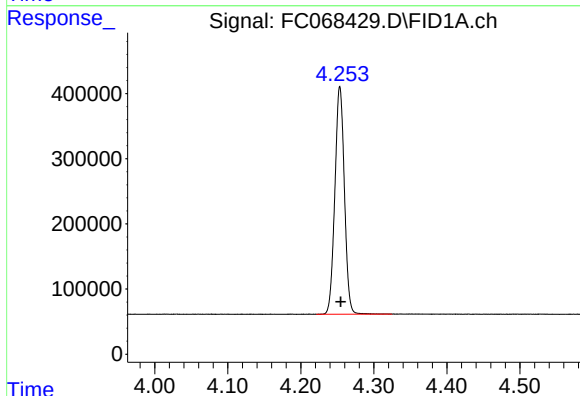




#1 n-Nonane (C9)

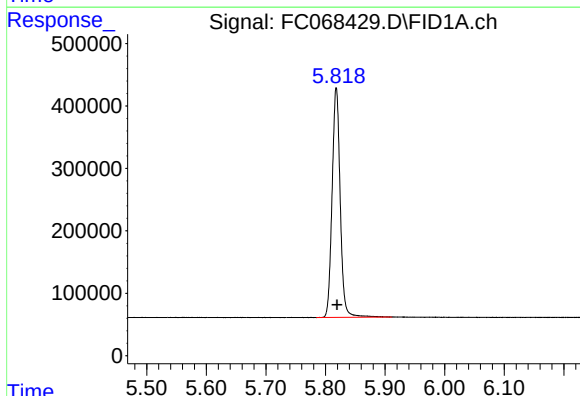
R.T.: 3.197 min
Delta R.T.: -0.002 min
Response: 3095640
Conc: 19.35 ug/ml

Instrument :
FID_C
ClientSampleId :



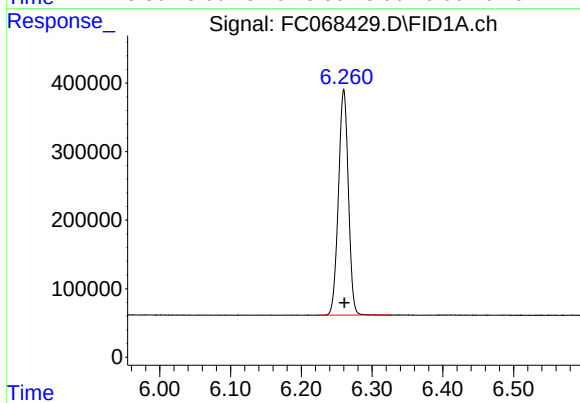
#2 n-Decane (C10)

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 3164674
Conc: 19.52 ug/ml



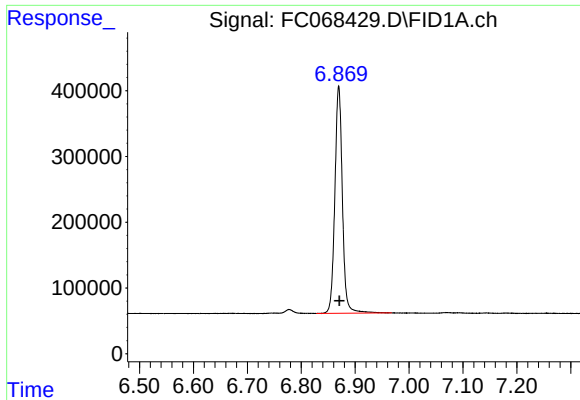
#3 A~Naphthalene (C11.7)

R.T.: 5.818 min
Delta R.T.: -0.001 min
Response: 3474222
Conc: 19.66 ug/ml



#4 n-Dodecane (C12)

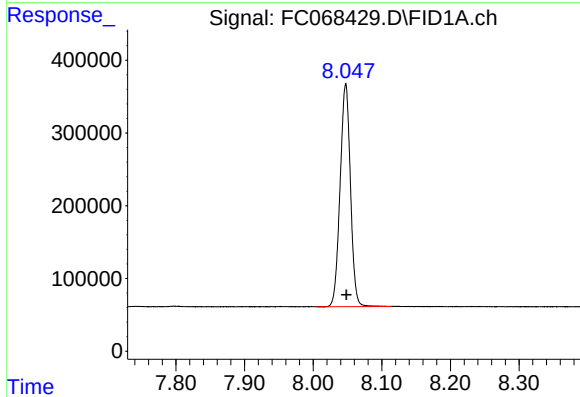
R.T.: 6.260 min
Delta R.T.: -0.001 min
Response: 3207606
Conc: 19.45 ug/ml



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

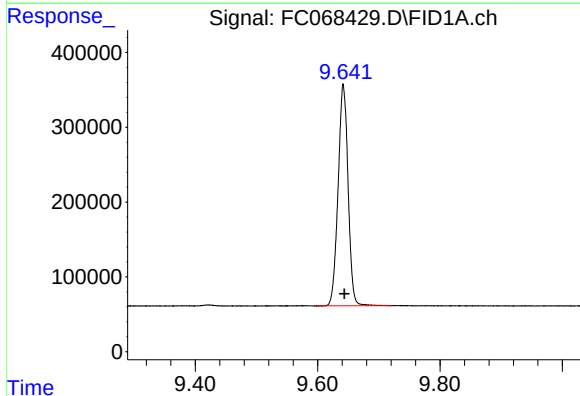
R.T.: 6.870 min
Delta R.T.: -0.001 min
Response: 3362589
Conc: 19.77 ug/ml

Instrument :
FID_C
ClientSampleId :



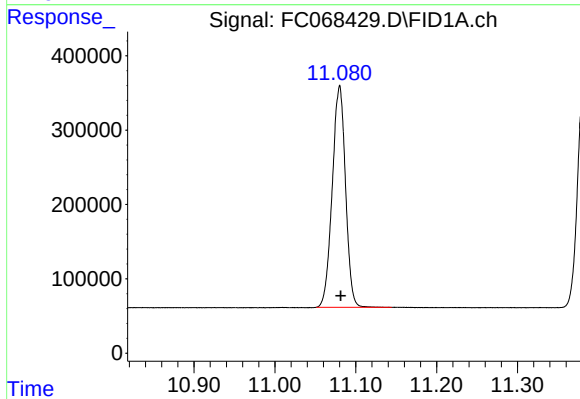
#6 n-Tetradecane (C14)

R.T.: 8.047 min
Delta R.T.: 0.000 min
Response: 3200734
Conc: 19.45 ug/ml



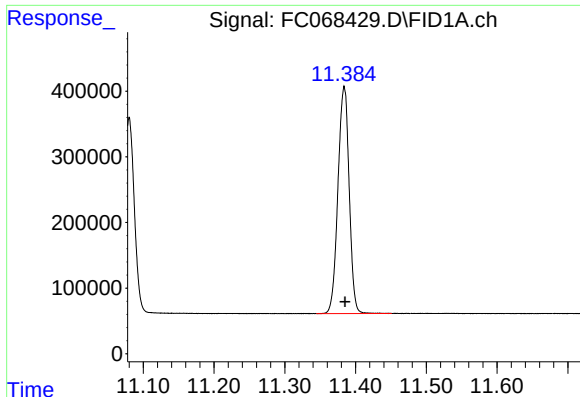
#7 n-Hexadecane (C16)

R.T.: 9.642 min
Delta R.T.: -0.002 min
Response: 3353715
Conc: 19.52 ug/ml



#8 n-Octadecane (C18)

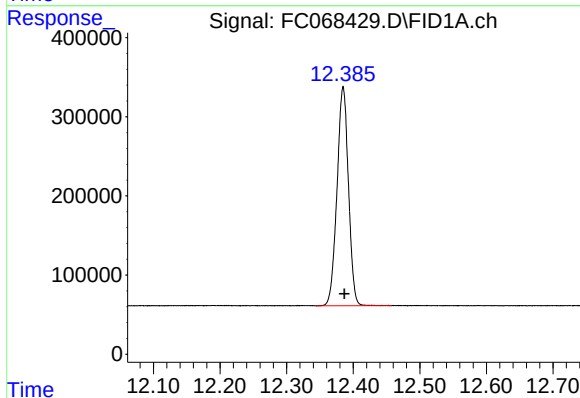
R.T.: 11.080 min
Delta R.T.: -0.002 min
Response: 3402630
Conc: 19.39 ug/ml



#9 ortho-Terphenyl (SURR)

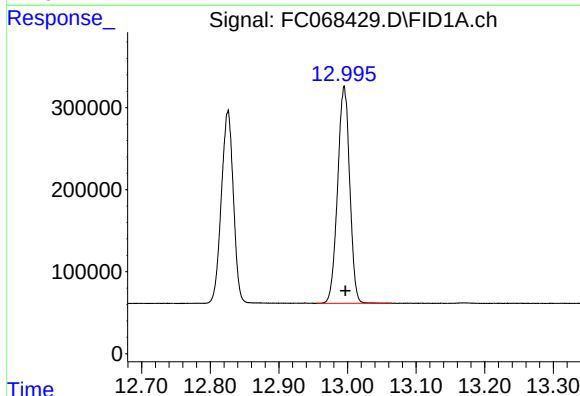
R.T.: 11.384 min
Delta R.T.: -0.001 min
Response: 3801922
Conc: 19.14 ug/ml

Instrument :
FID_C
ClientSampleId :



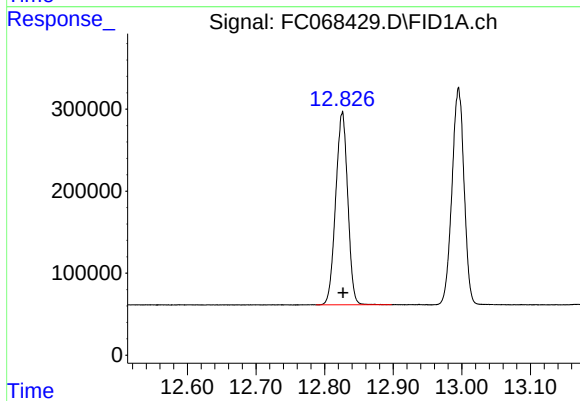
#10 n-Eicosane (C20)

R.T.: 12.385 min
Delta R.T.: -0.002 min
Response: 3296403
Conc: 19.25 ug/ml



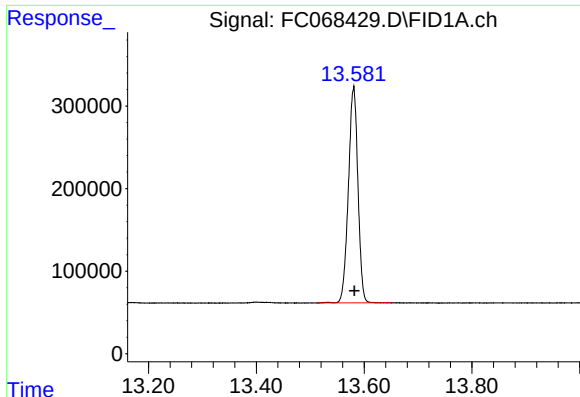
#11 n-Heneicosane (C21)

R.T.: 12.995 min
Delta R.T.: -0.002 min
Response: 3237856
Conc: 19.30 ug/ml



#12 1-chlorooctadecane (SURR)

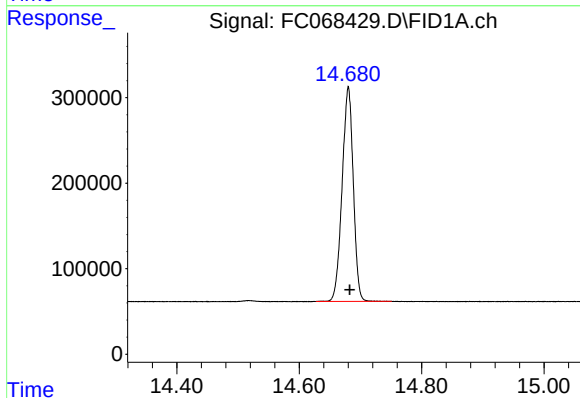
R.T.: 12.826 min
Delta R.T.: -0.001 min
Response: 2858205
Conc: 19.17 ug/ml



#13 n-Docosane (C22)

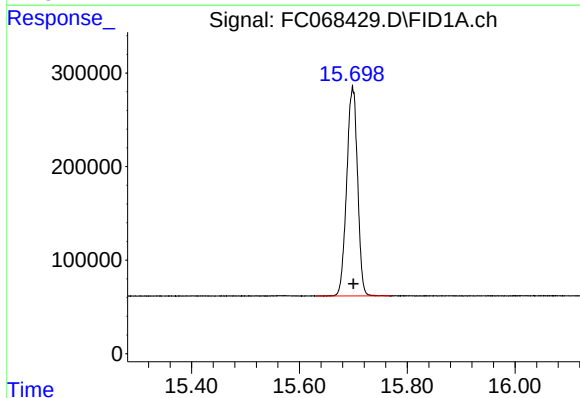
R.T.: 13.580 min
Delta R.T.: -0.002 min
Response: 3214150
Conc: 19.05 ug/ml

Instrument :
FID_C
ClientSampleId :



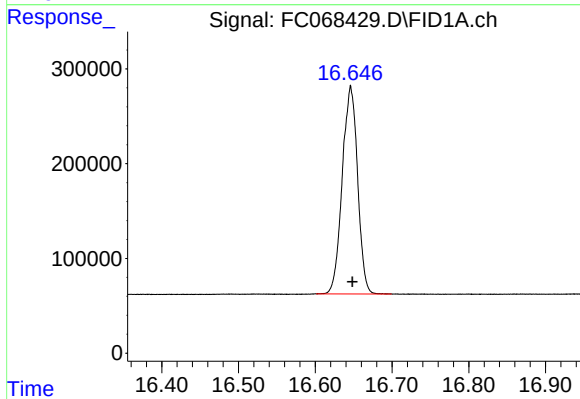
#14 n-Tetracosane (C24)

R.T.: 14.680 min
Delta R.T.: -0.002 min
Response: 3176735
Conc: 18.55 ug/ml



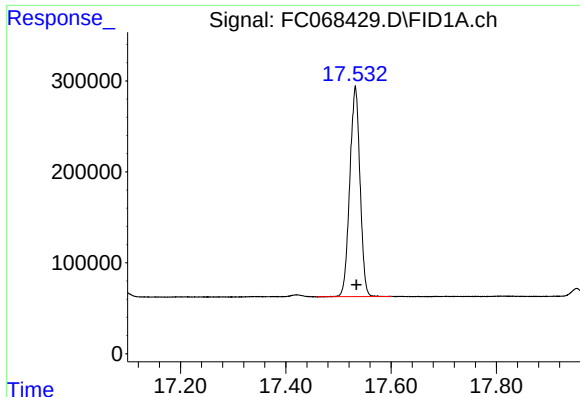
#15 n-Hexacosane (C26)

R.T.: 15.698 min
Delta R.T.: -0.002 min
Response: 3117760
Conc: 18.52 ug/ml



#16 n-Octacosane (C28)

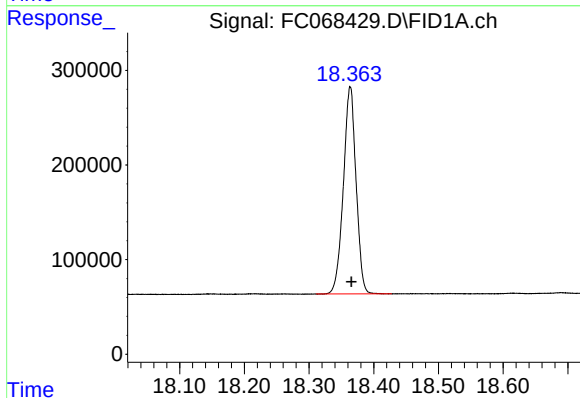
R.T.: 16.646 min
Delta R.T.: -0.002 min
Response: 3041094
Conc: 18.19 ug/ml



#17 n-Tricontane (C30)

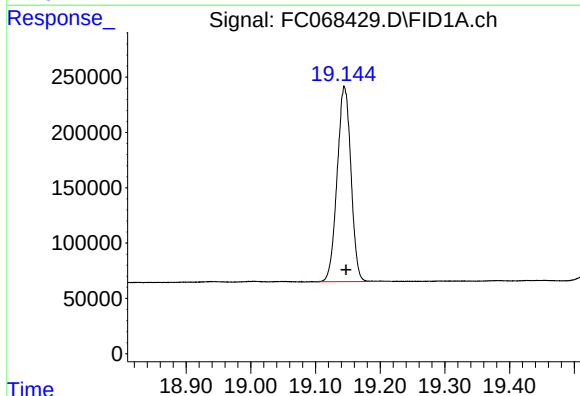
R.T.: 17.532 min
Delta R.T.: -0.002 min
Response: 3109365
Conc: 17.83 ug/ml

Instrument :
FID_C
ClientSampleId :



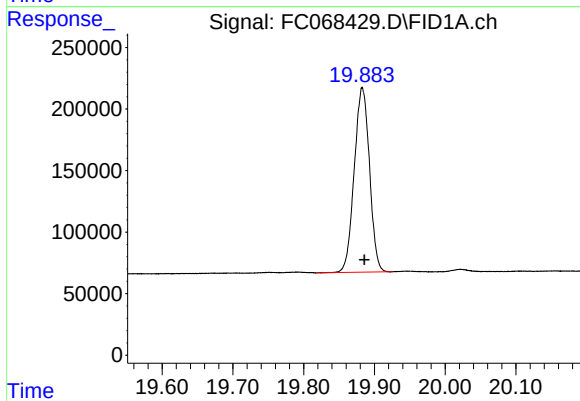
#18 n-Dotriacontane (C32)

R.T.: 18.364 min
Delta R.T.: -0.002 min
Response: 2987924
Conc: 17.85 ug/ml



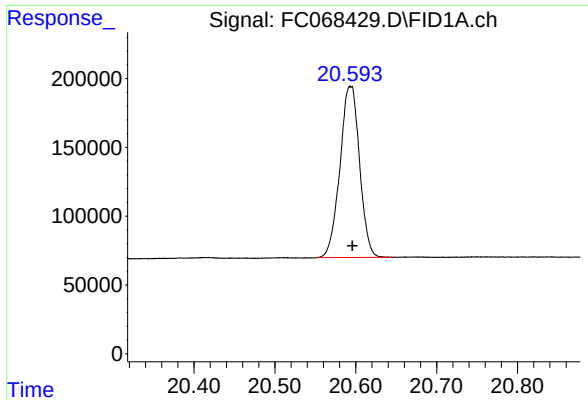
#19 n-Tetratriacontane (C34)

R.T.: 19.145 min
Delta R.T.: -0.003 min
Response: 2614263
Conc: 17.72 ug/ml



#20 n-Hexatriacontane (C36)

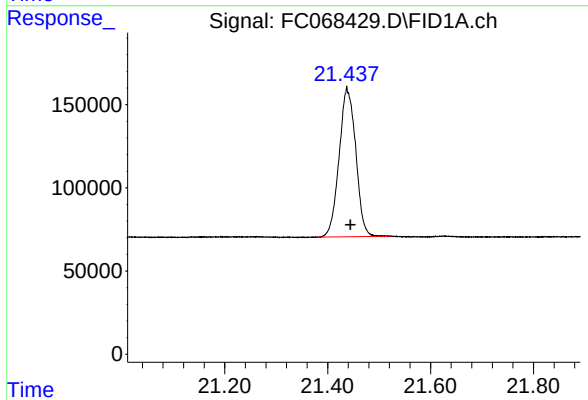
R.T.: 19.883 min
Delta R.T.: -0.003 min
Response: 2246415
Conc: 18.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.593 min
Delta R.T.: -0.002 min
Response: 2098654
Conc: 19.54 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.438 min
Delta R.T.: -0.006 min
Response: 2003715
Conc: 20.44 ug/ml