

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050224AL\
 Data File : FC066300.D
 Signal(s) : FID1A.ch
 Acq On : 03 May 2024 02:23
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 03 03:10:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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)	11.561	3184095	19.259 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
12) S 1-chlorooctadecane (S...	13.000	2384903	19.443 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
Target Compounds			
1) T n-Nonane (C9)	3.320	2821031	18.679 ug/ml
2) T n-Decane (C10)	4.387	2904029	18.884 ug/ml
3) T A~Naphthalene (C11.7)	5.969	3218822	18.946 ug/ml
4) T n-Dodecane (C12)	6.407	2917984	18.987 ug/ml
5) T A~2-methylnaphthalene...	7.026	3128517	18.983 ug/ml
6) T n-Tetradecane (C14)	8.202	2864185	18.926 ug/ml
7) T n-Hexadecane (C16)	9.804	2937795	19.213 ug/ml
8) T n-Octadecane (C18)	11.246	2938936	19.362 ug/ml
10) T n-Eicosane (C20)	12.556	2809742	19.532 ug/ml
11) T n-Heneicosane (C21)	13.168	2753393	19.588 ug/ml
13) T n-Docosane (C22)	13.754	2745900	19.613 ug/ml
14) T n-Tetracosane (C24)	14.858	2733103	19.414 ug/ml
15) T n-Hexacosane (C26)	15.878	2651069	19.381 ug/ml
16) T n-Octacosane (C28)	16.828	2592135	19.356 ug/ml
17) T n-Tricontane (C30)	17.716	2614865	19.403 ug/ml
18) T n-Dotriacontane (C32)	18.548	2536666	19.701 ug/ml
19) T n-Tetratriacontane (C34)	19.331	2387154	20.176 ug/ml
20) T n-Hexatriacontane (C36)	20.072	2246188	19.542 ug/ml
21) T n-Octatriacontane (C38)	20.806	2185138	20.301 ug/ml
22) T n-Tetracontane (C40)	21.717	2150040	20.050 ug/ml

(f)=RT Delta > 1/2 Window

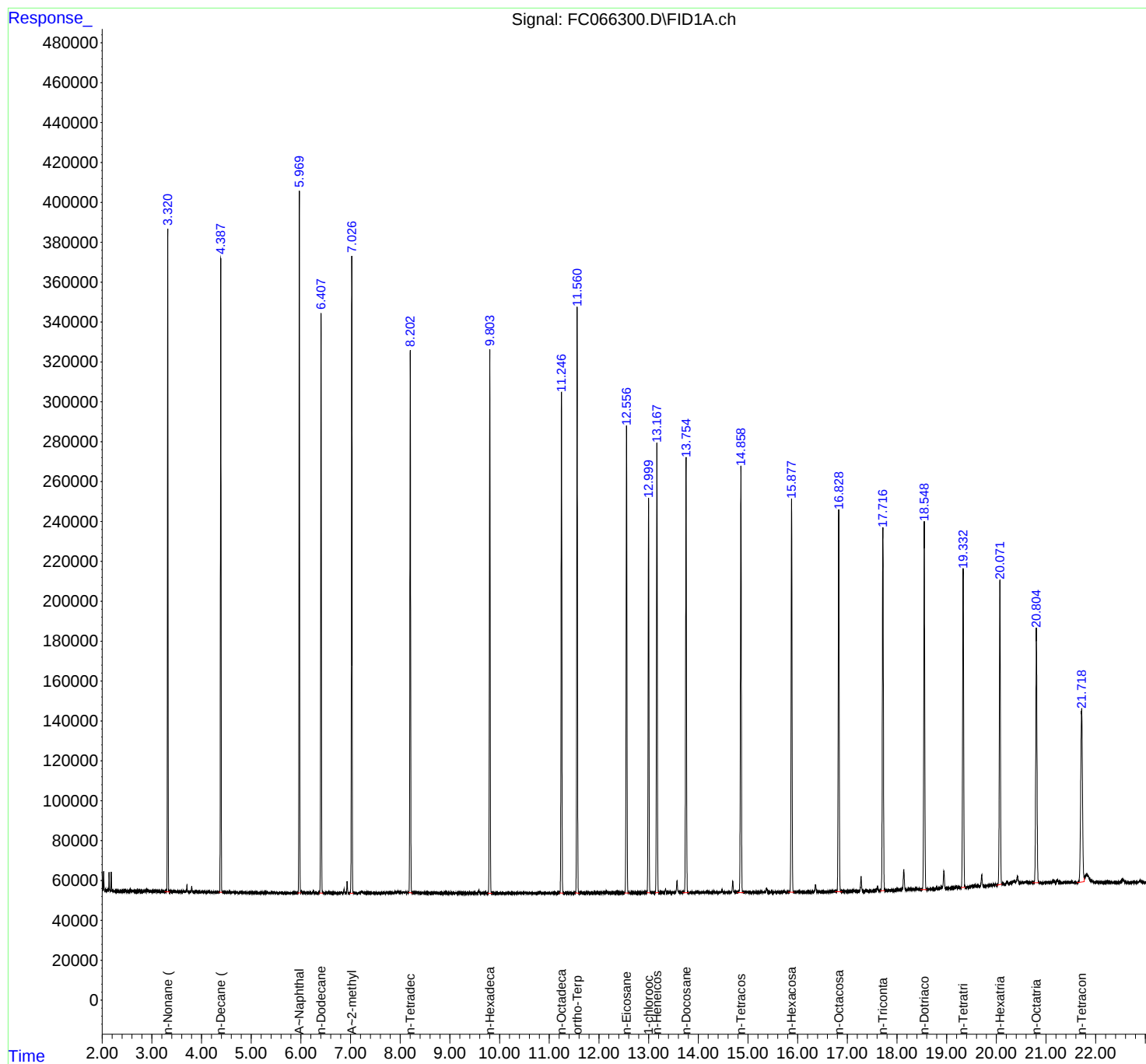
(m)=manual int.

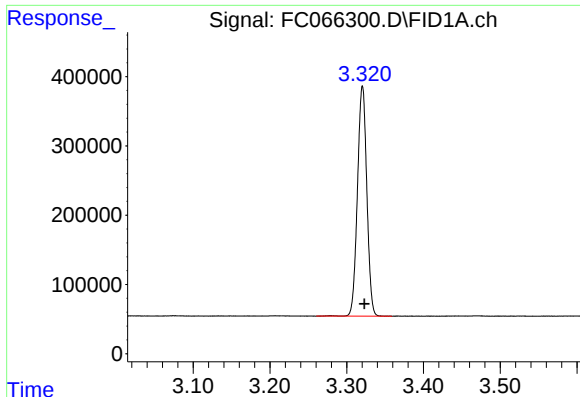
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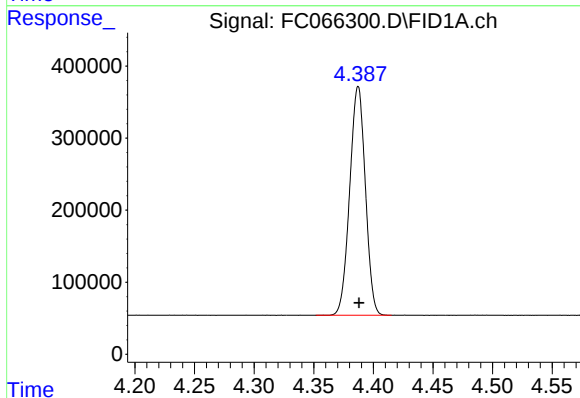




#1 n-Nonane (C9)

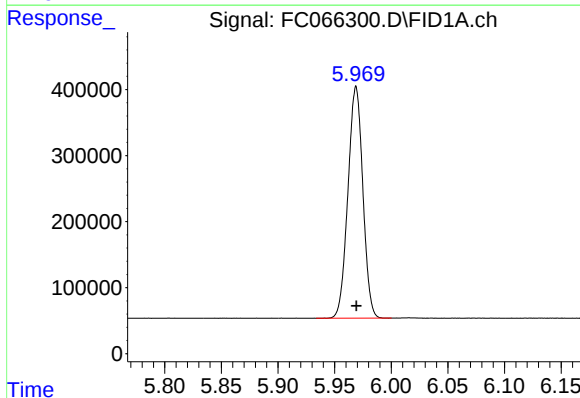
R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 2821031
Conc: 18.68 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



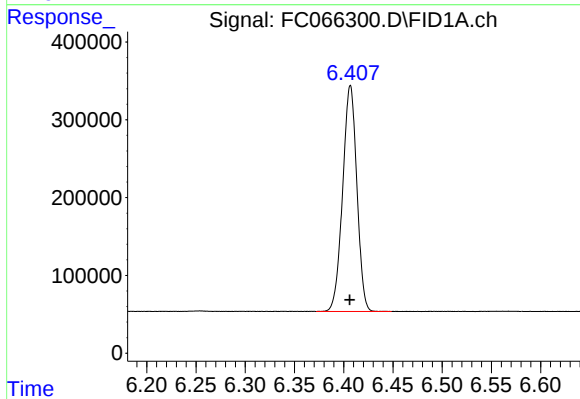
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: 0.000 min
Response: 2904029
Conc: 18.88 ug/ml



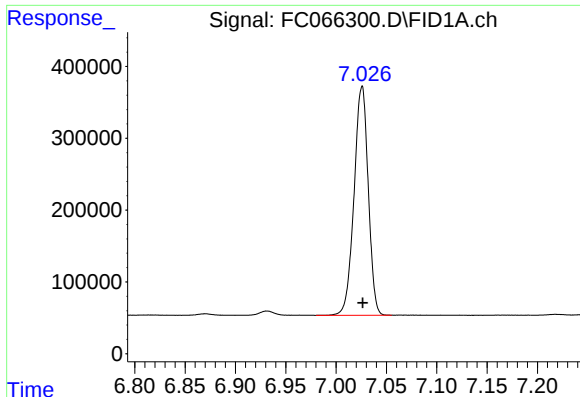
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 3218822
Conc: 18.95 ug/ml



#4 n-Dodecane (C12)

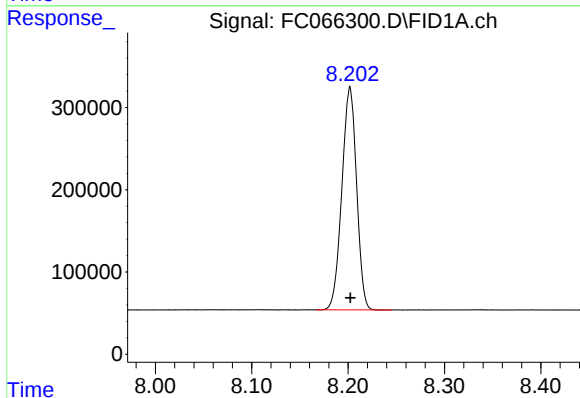
R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 2917984
Conc: 18.99 ug/ml



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

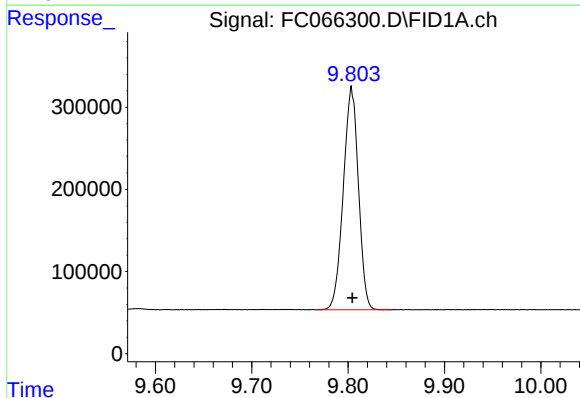
R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 3128517
Conc: 18.98 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



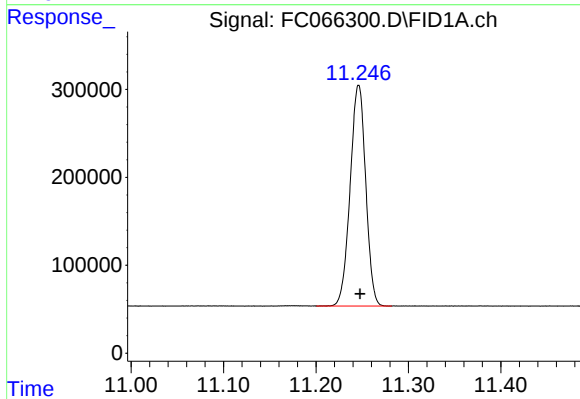
#6 n-Tetradecane (C14)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 2864185
Conc: 18.93 ug/ml



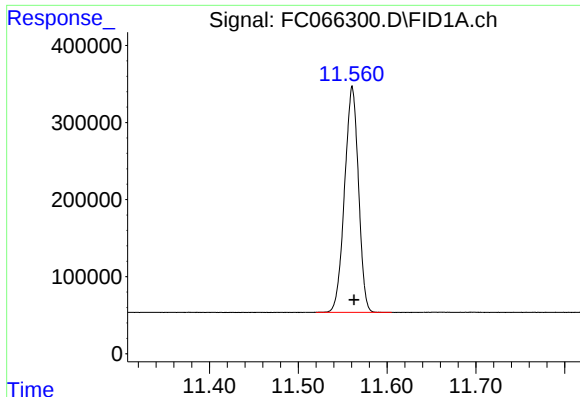
#7 n-Hexadecane (C16)

R.T.: 9.804 min
Delta R.T.: 0.000 min
Response: 2937795
Conc: 19.21 ug/ml



#8 n-Octadecane (C18)

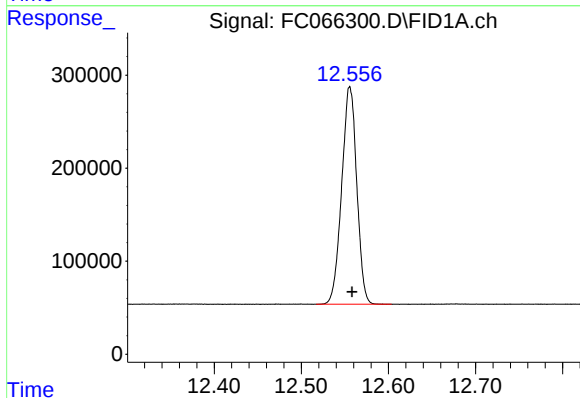
R.T.: 11.246 min
Delta R.T.: -0.002 min
Response: 2938936
Conc: 19.36 ug/ml



#9 ortho-Terphenyl (SURR)

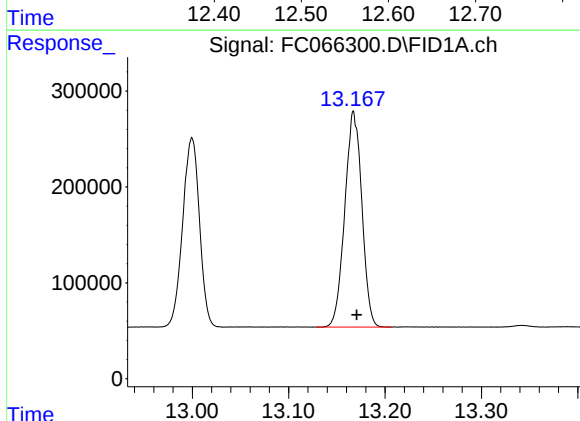
R.T.: 11.561 min
Delta R.T.: -0.002 min
Response: 3184095
Conc: 19.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



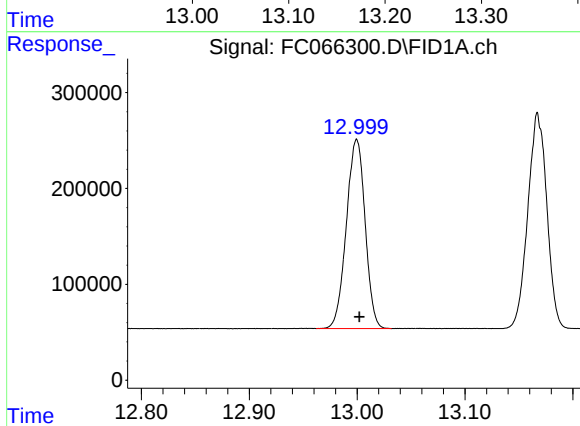
#10 n-Eicosane (C20)

R.T.: 12.556 min
Delta R.T.: -0.003 min
Response: 2809742
Conc: 19.53 ug/ml



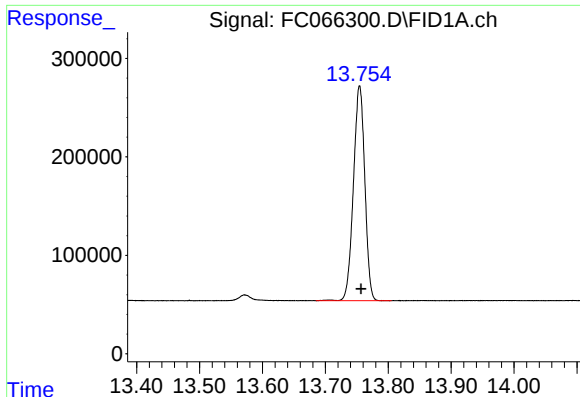
#11 n-Heneicosane (C21)

R.T.: 13.168 min
Delta R.T.: -0.003 min
Response: 2753393
Conc: 19.59 ug/ml



#12 1-chlorooctadecane (SURR)

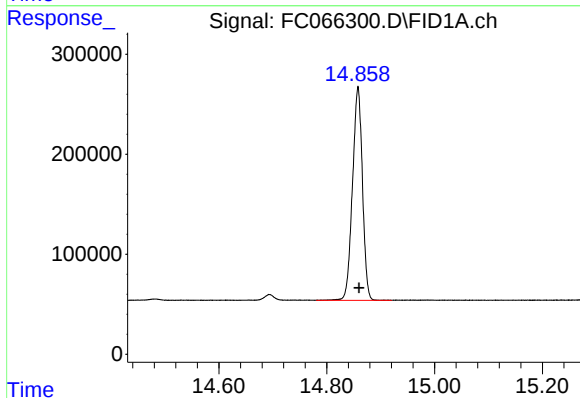
R.T.: 13.000 min
Delta R.T.: -0.003 min
Response: 2384903
Conc: 19.44 ug/ml



#13 n-Docosane (C22)

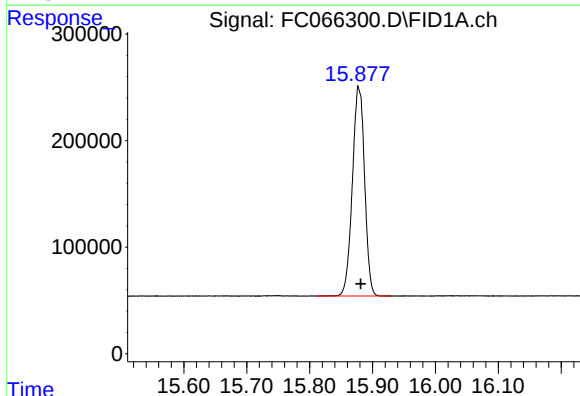
R.T.: 13.754 min
Delta R.T.: -0.002 min
Response: 2745900
Conc: 19.61 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



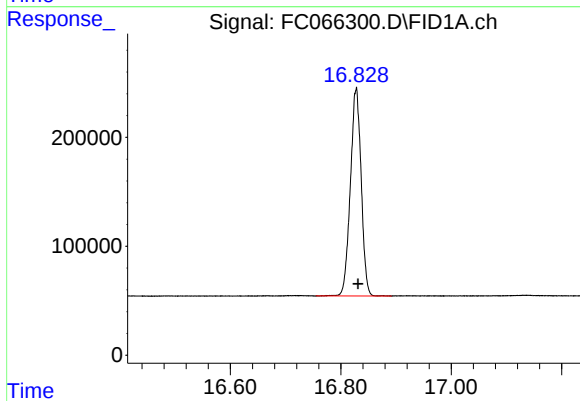
#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: -0.002 min
Response: 2733103
Conc: 19.41 ug/ml



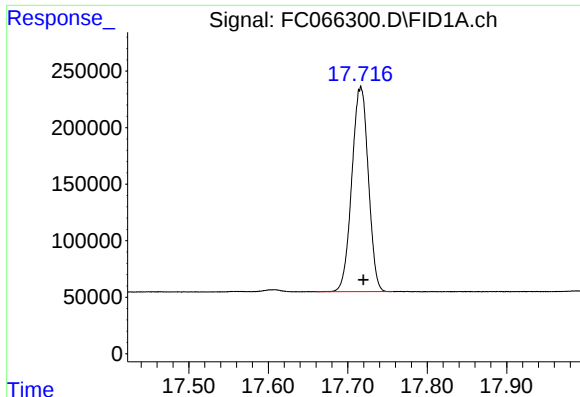
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.003 min
Response: 2651069
Conc: 19.38 ug/ml



#16 n-Octacosane (C28)

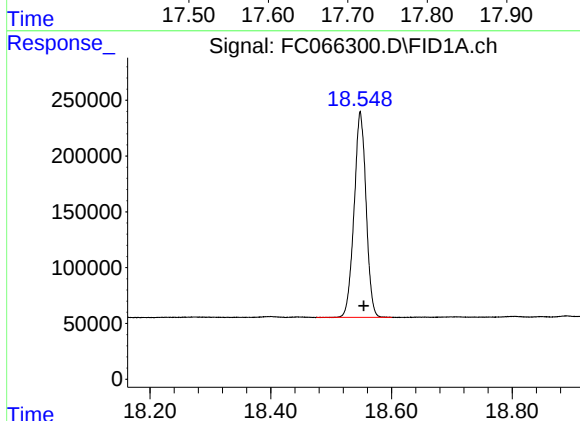
R.T.: 16.828 min
Delta R.T.: -0.004 min
Response: 2592135
Conc: 19.36 ug/ml



#17 n-Tricontane (C30)

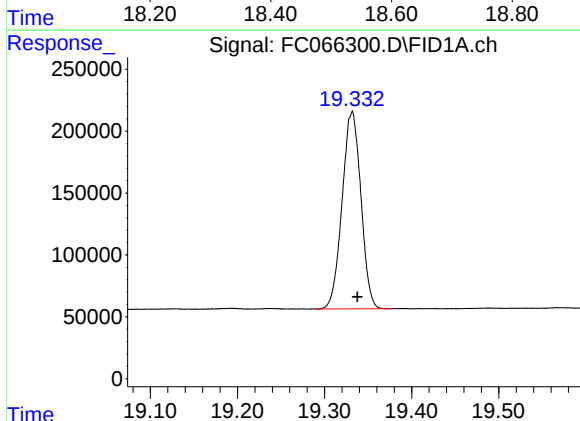
R.T.: 17.716 min
Delta R.T.: -0.003 min
Response: 2614865
Conc: 19.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



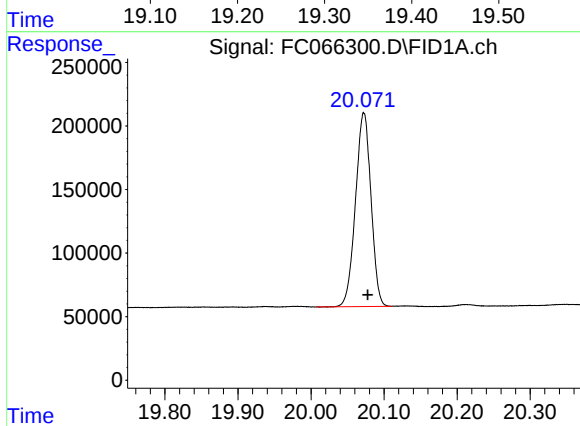
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: -0.006 min
Response: 2536666
Conc: 19.70 ug/ml



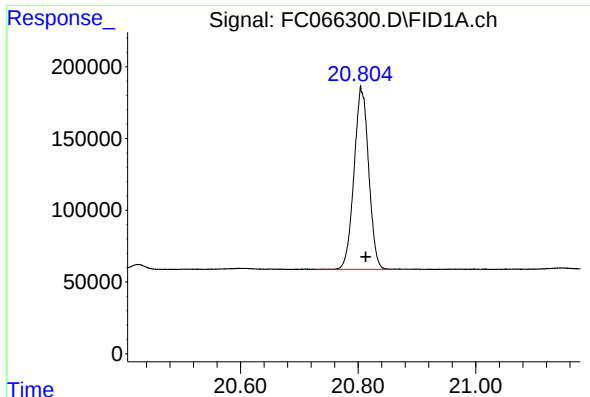
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: -0.006 min
Response: 2387154
Conc: 20.18 ug/ml



#20 n-Hexatriacontane (C36)

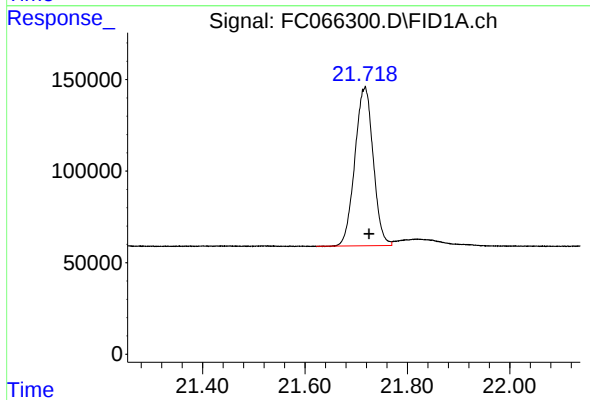
R.T.: 20.072 min
Delta R.T.: -0.005 min
Response: 2246188
Conc: 19.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.806 min
Delta R.T.: -0.007 min
Response: 2185138
Conc: 20.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.717 min
Delta R.T.: -0.008 min
Response: 2150040
Conc: 20.05 ug/ml