

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080124AL\
 Data File : FC066880.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2024 07:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 02 02:55:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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)	11.517	2854147	18.539 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
12) S 1-chlorooctadecane (S...	12.956	2120724	18.966 ug/ml
Spiked Amount 50.000		Recovery =	37.93%
Target Compounds			
1) T n-Nonane (C9)	3.283	2435955	17.167 ug/ml
2) T n-Decane (C10)	4.349	2596658	17.565 ug/ml
3) T A~Naphthalene (C11.7)	5.930	2812233	17.610 ug/ml
4) T n-Dodecane (C12)	6.368	2614896	17.442 ug/ml
5) T A~2-methylnaphthalene...	6.987	2705701	17.649 ug/ml
6) T n-Tetradecane (C14)	8.163	2586044	17.675 ug/ml
7) T n-Hexadecane (C16)	9.763	2690106	17.974 ug/ml
8) T n-Octadecane (C18)	11.205	2695525	18.164 ug/ml
10) T n-Eicosane (C20)	12.513	2559872	18.366 ug/ml
11) T n-Heneicosane (C21)	13.124	2495975	18.325 ug/ml
13) T n-Docosane (C22)	13.711	2487394	18.518 ug/ml
14) T n-Tetracosane (C24)	14.813	2515930	18.915 ug/ml
15) T n-Hexacosane (C26)	15.834	2480131	19.061 ug/ml
16) T n-Octacosane (C28)	16.783	2614557	20.725 ug/ml
17) T n-Tricontane (C30)	17.670	2944970	22.901 ug/ml
18) T n-Dotriacontane (C32)	18.503	3003227	23.855 ug/ml
19) T n-Tetratriacontane (C34)	19.286	2697700	21.806 ug/ml
20) T n-Hexatriacontane (C36)	20.024	2364523	20.327 ug/ml
21) T n-Octatriacontane (C38)	20.751	2182146	19.640 ug/ml
22) T n-Tetracontane (C40)	21.647	2032758	18.698 ug/ml

(f)=RT Delta > 1/2 Window

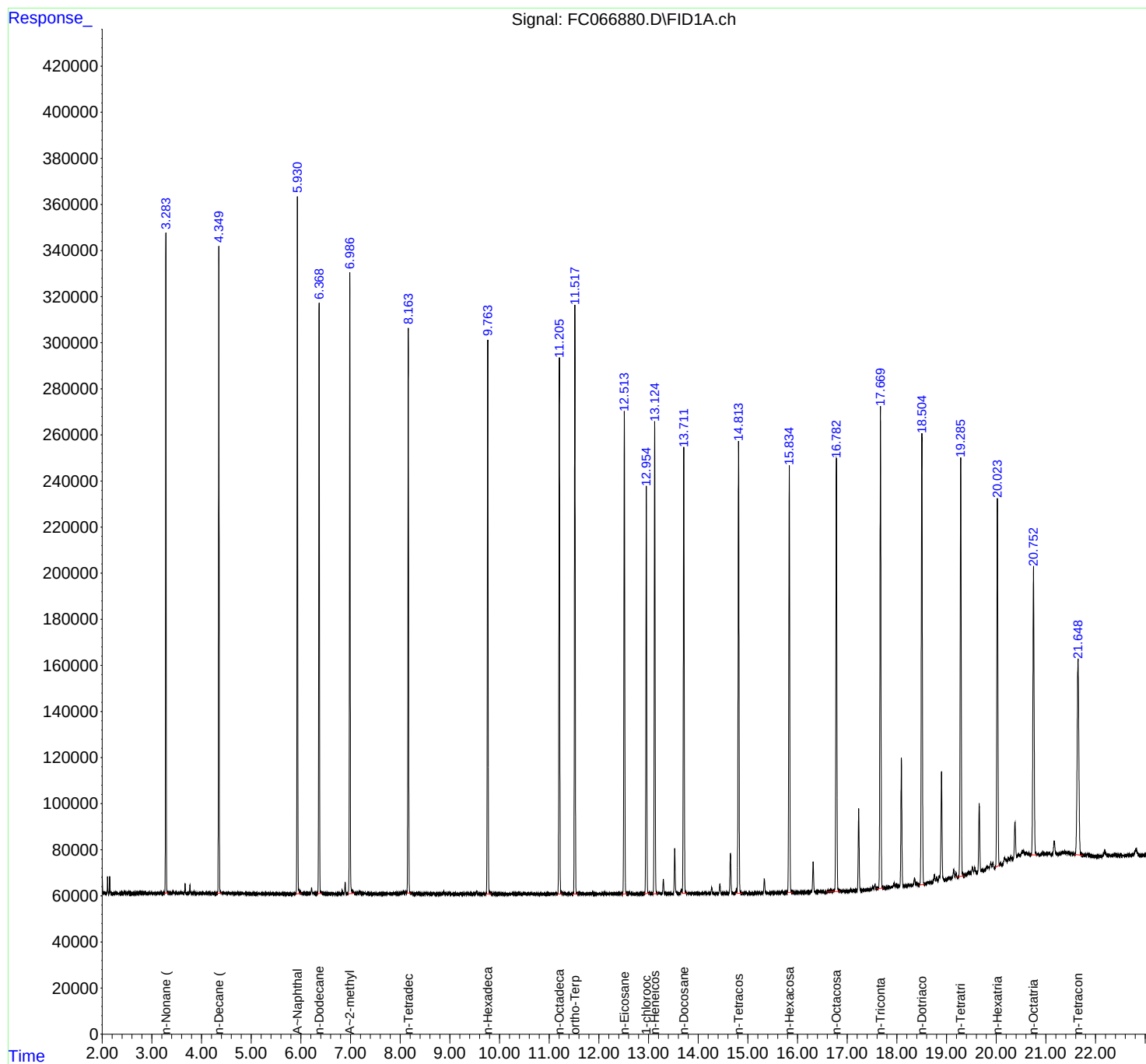
(m)=manual int.

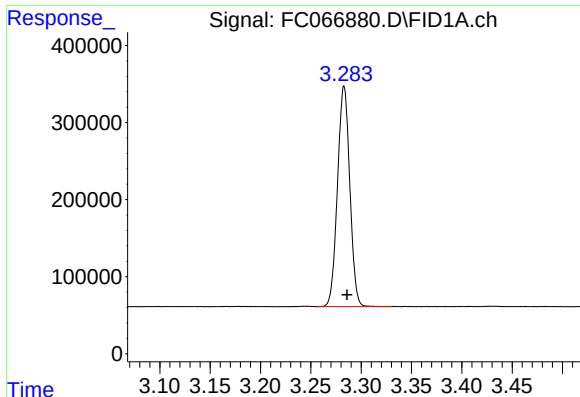
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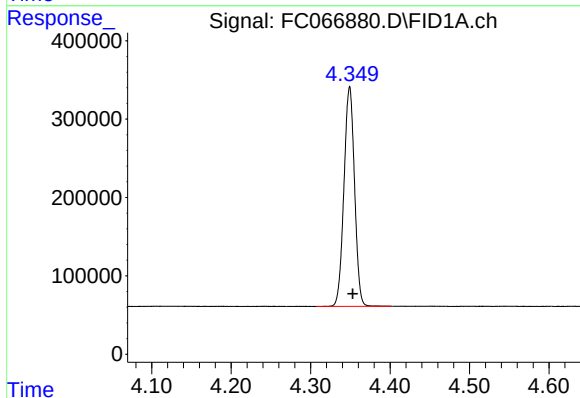




#1 n-Nonane (C9)

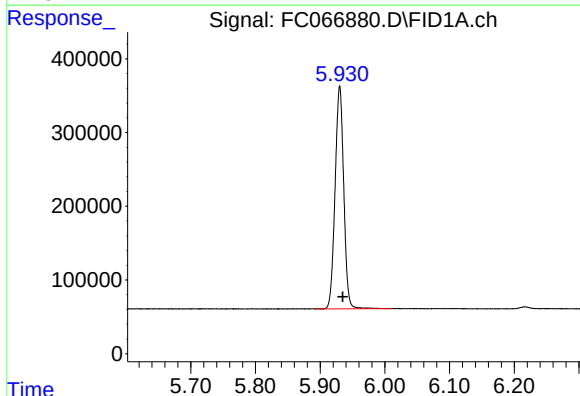
R.T.: 3.283 min
Delta R.T.: -0.003 min
Response: 2435955
Conc: 17.17 ug/ml

Instrument :
FID_C
ClientSampleId :



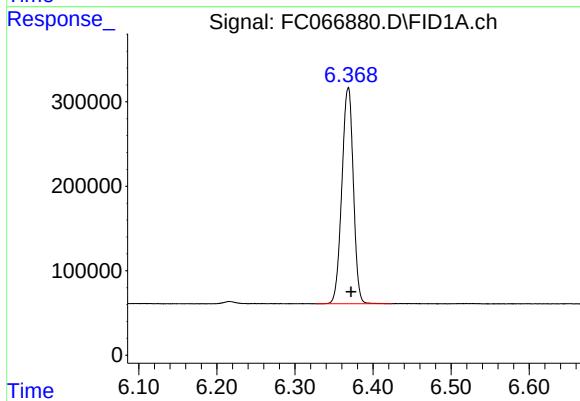
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: -0.004 min
Response: 2596658
Conc: 17.57 ug/ml



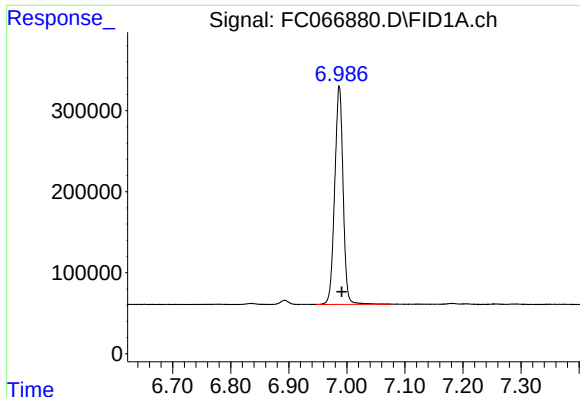
#3 A~Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.005 min
Response: 2812233
Conc: 17.61 ug/ml



#4 n-Dodecane (C12)

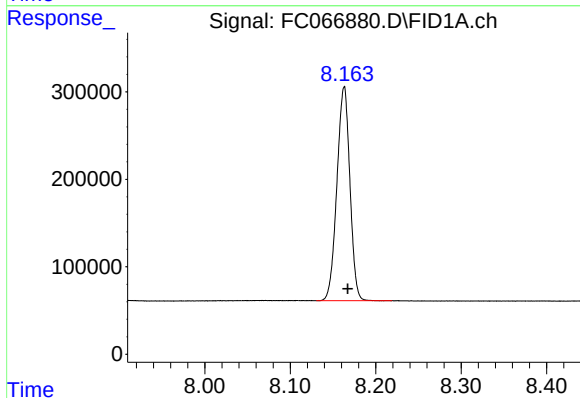
R.T.: 6.368 min
Delta R.T.: -0.004 min
Response: 2614896
Conc: 17.44 ug/ml



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

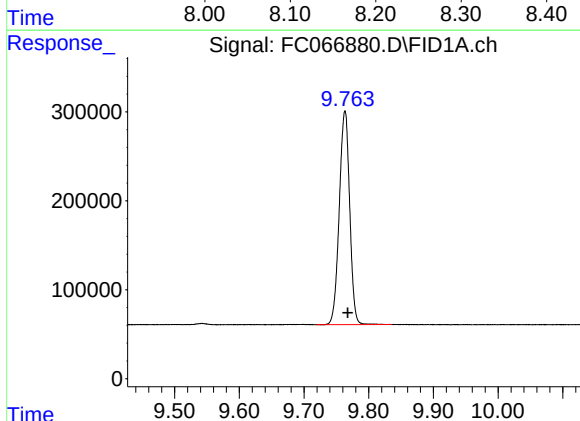
R.T.: 6.987 min
Delta R.T.: -0.004 min
Response: 2705701
Conc: 17.65 ug/ml

Instrument :
FID_C
ClientSampleId :



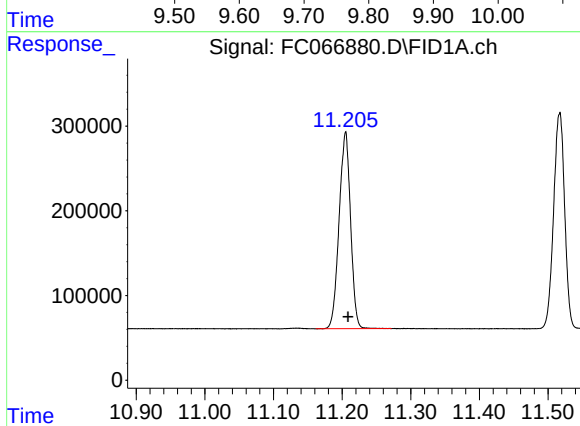
#6 n-Tetradecane (C14)

R.T.: 8.163 min
Delta R.T.: -0.004 min
Response: 2586044
Conc: 17.67 ug/ml



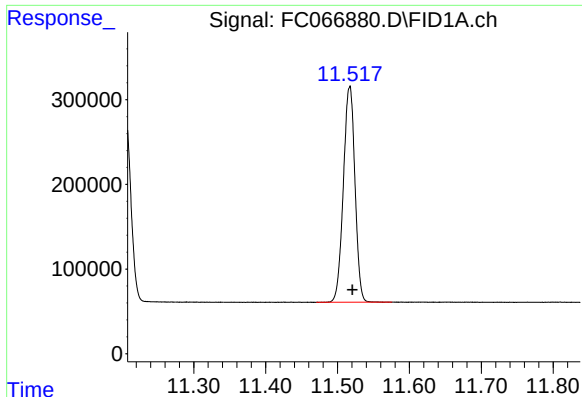
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: -0.004 min
Response: 2690106
Conc: 17.97 ug/ml



#8 n-Octadecane (C18)

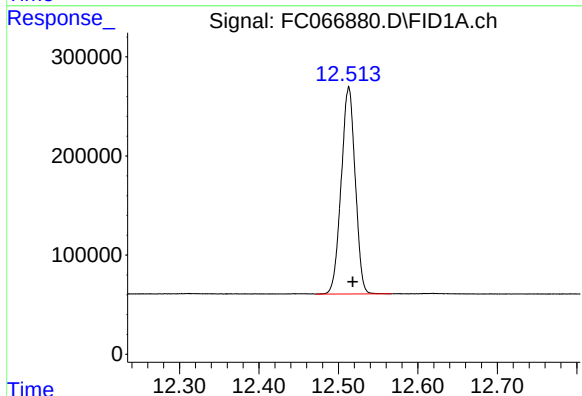
R.T.: 11.205 min
Delta R.T.: -0.004 min
Response: 2695525
Conc: 18.16 ug/ml



#9 ortho-Terphenyl (SURR)

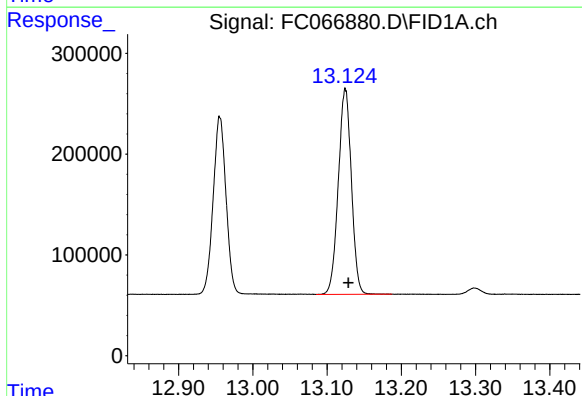
R.T.: 11.517 min
Delta R.T.: -0.004 min
Response: 2854147
Conc: 18.54 ug/ml

Instrument :
FID_C
ClientSampleId :



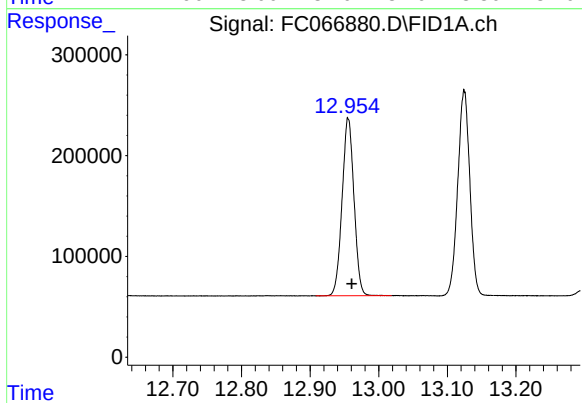
#10 n-Eicosane (C20)

R.T.: 12.513 min
Delta R.T.: -0.005 min
Response: 2559872
Conc: 18.37 ug/ml



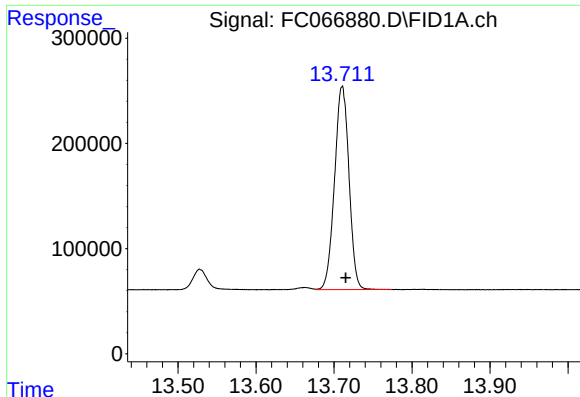
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: -0.004 min
Response: 2495975
Conc: 18.32 ug/ml



#12 1-chlorooctadecane (SURR)

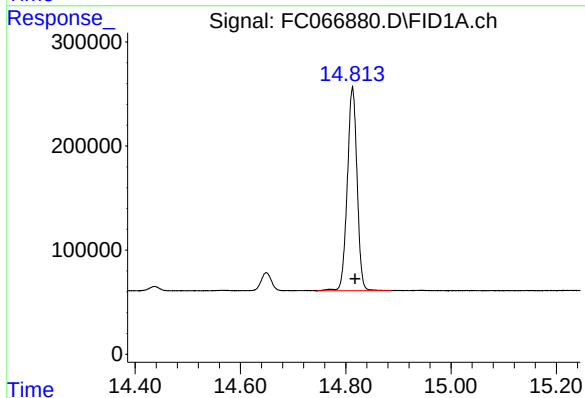
R.T.: 12.956 min
Delta R.T.: -0.005 min
Response: 2120724
Conc: 18.97 ug/ml



#13 n-Docosane (C22)

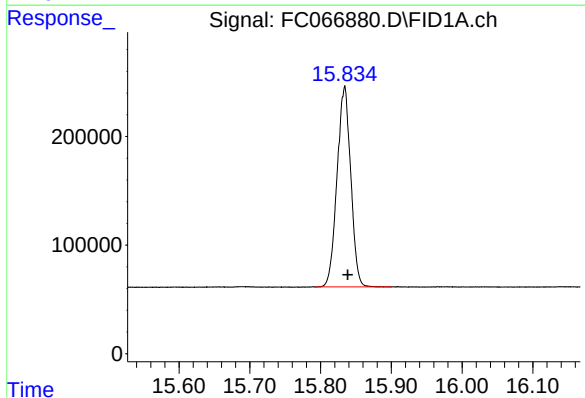
R.T.: 13.711 min
Delta R.T.: -0.005 min
Response: 2487394
Conc: 18.52 ug/ml

Instrument :
FID_C
ClientSampleId :



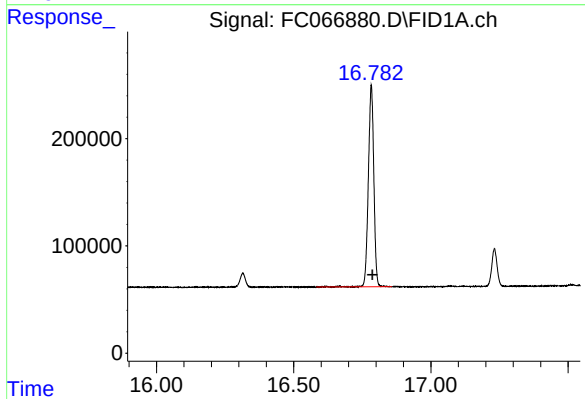
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: -0.005 min
Response: 2515930
Conc: 18.91 ug/ml



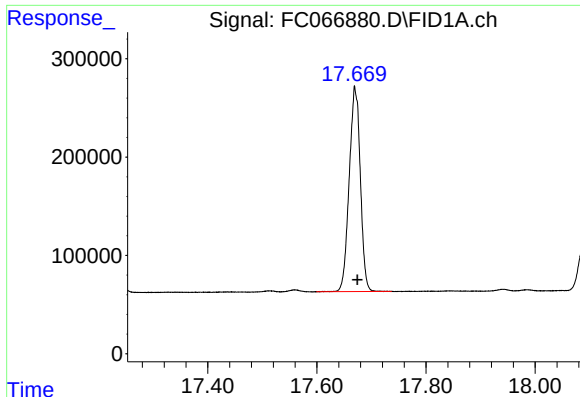
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: -0.005 min
Response: 2480131
Conc: 19.06 ug/ml



#16 n-Octacosane (C28)

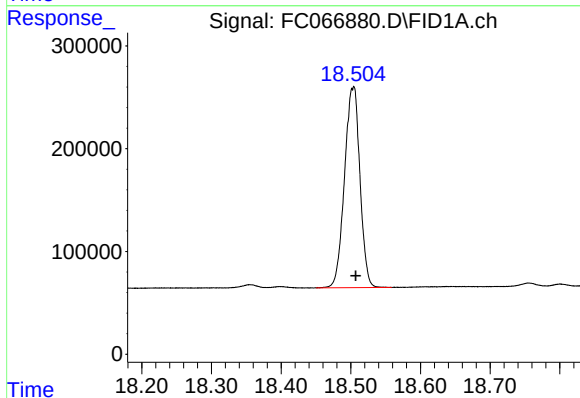
R.T.: 16.783 min
Delta R.T.: -0.005 min
Response: 2614557
Conc: 20.73 ug/ml



#17 n-Tricontane (C30)

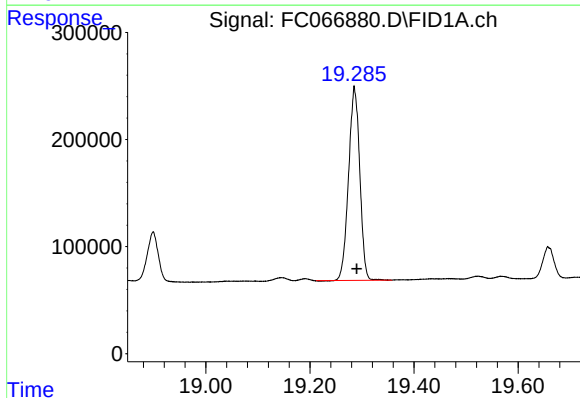
R.T.: 17.670 min
Delta R.T.: -0.004 min
Response: 2944970
Conc: 22.90 ug/ml

Instrument :
FID_C
ClientSampleId :



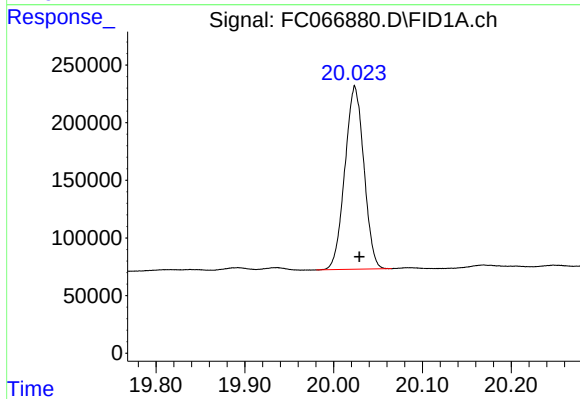
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: -0.004 min
Response: 3003227
Conc: 23.86 ug/ml



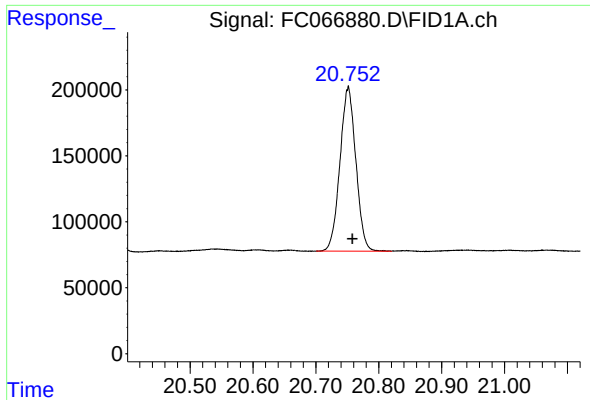
#19 n-Tetratriacontane (C34)

R.T.: 19.286 min
Delta R.T.: -0.004 min
Response: 2697700
Conc: 21.81 ug/ml



#20 n-Hexatriacontane (C36)

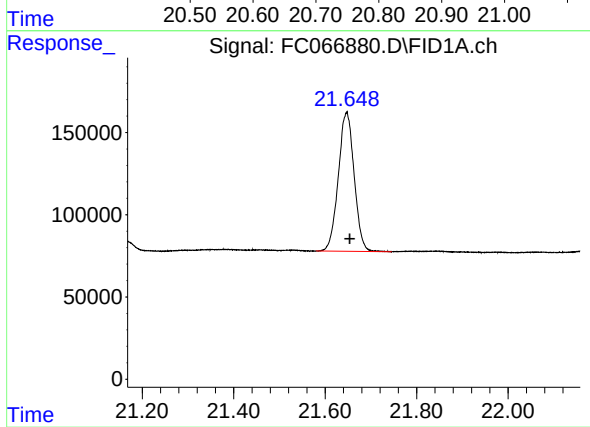
R.T.: 20.024 min
Delta R.T.: -0.005 min
Response: 2364523
Conc: 20.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.751 min
Delta R.T.: -0.007 min
Response: 2182146
Conc: 19.64 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.647 min
Delta R.T.: -0.007 min
Response: 2032758
Conc: 18.70 ug/ml