

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071124AL\
 Data File : FC066749.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2024 07:10
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 12 02:51:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.527	3099039	17.967 ug/ml
Spiked Amount 50.000		Recovery =	35.93%
12) S 1-chlorooctadecane (S...	12.966	2212980	16.038 ug/ml
Spiked Amount 50.000		Recovery =	32.08%
Target Compounds			
1) T n-Nonane (C9)	3.287	2757872	18.981 ug/ml
2) T n-Decane (C10)	4.355	2939670	19.708 ug/ml
3) T A~Naphthalene (C11.7)	5.938	3174153	19.550 ug/ml
4) T n-Dodecane (C12)	6.375	2971137	19.604 ug/ml
5) T A~2-methylnaphthalene...	6.995	3048507	19.189 ug/ml
6) T n-Tetradecane (C14)	8.170	2914096	19.211 ug/ml
7) T n-Hexadecane (C16)	9.771	2984211	18.630 ug/ml
8) T n-Octadecane (C18)	11.213	2983987	17.984 ug/ml
10) T n-Eicosane (C20)	12.521	2814644	17.314 ug/ml
11) T n-Heneicosane (C21)	13.134	2745315	17.039 ug/ml
13) T n-Docosane (C22)	13.720	2723883	16.990 ug/ml
14) T n-Tetracosane (C24)	14.823	2698526	17.003 ug/ml
15) T n-Hexacosane (C26)	15.843	2641211	17.297 ug/ml
16) T n-Octacosane (C28)	16.792	2668706	18.501 ug/ml
17) T n-Tricontane (C30)	17.680	2843975	20.356 ug/ml
18) T n-Dotriacontane (C32)	18.512	2821942	21.383 ug/ml
19) T n-Tetratriacontane (C34)	19.296	2585832	20.908 ug/ml
20) T n-Hexatriacontane (C36)	20.036	2289735	18.999 ug/ml
21) T n-Octatriacontane (C38)	20.764	2107444	18.430 ug/ml
22) T n-Tetracontane (C40)	21.663	1811666	16.131 ug/ml

(f)=RT Delta > 1/2 Window

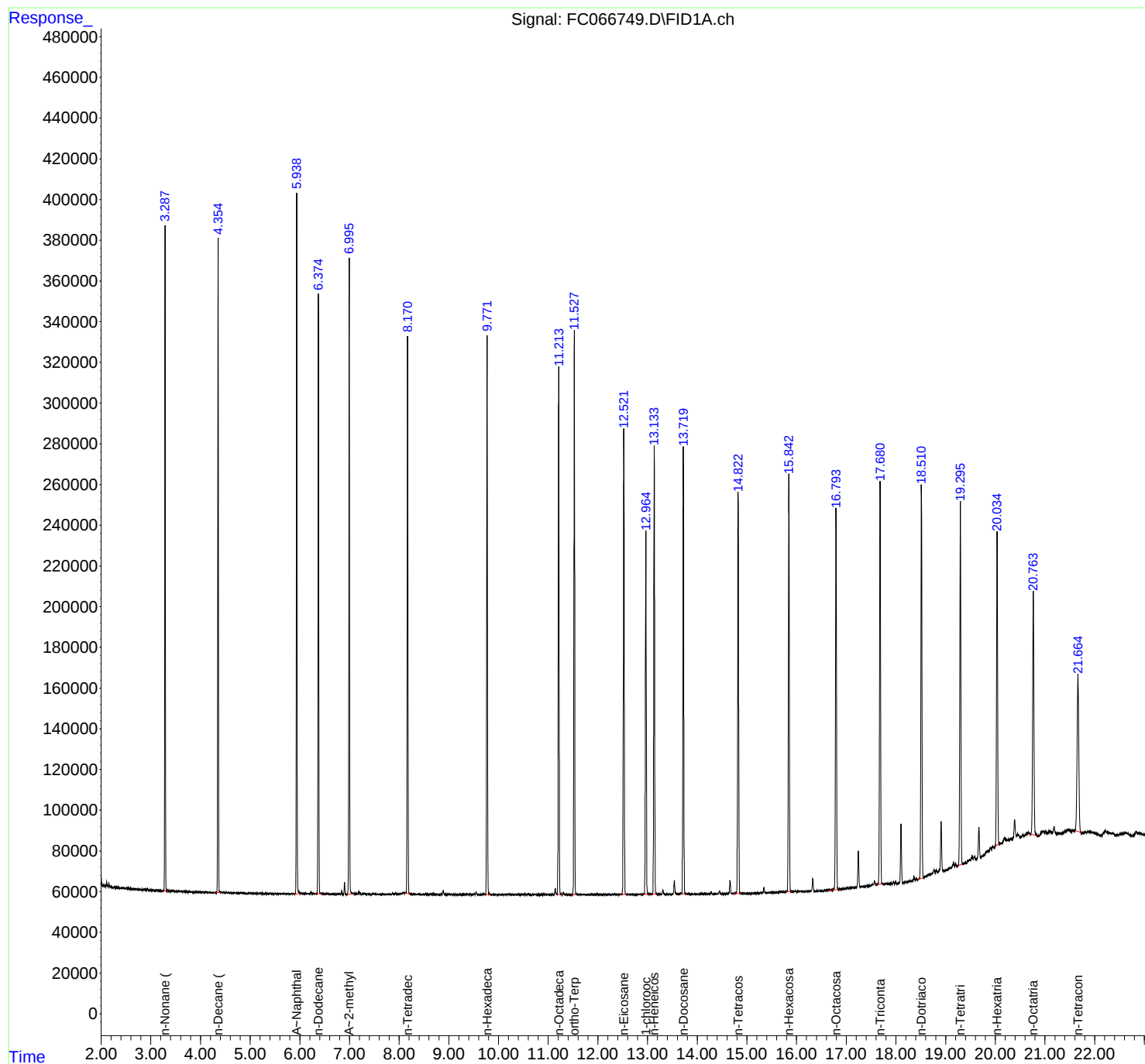
(m)=manual int.

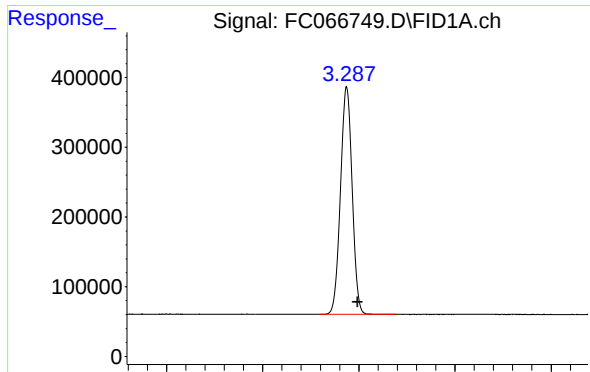
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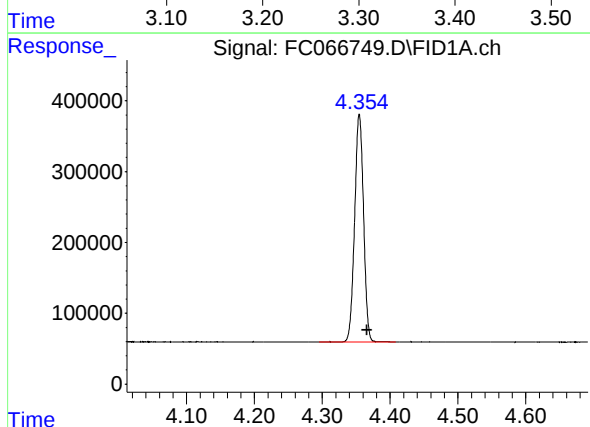




#1 n-Nonane (C9)

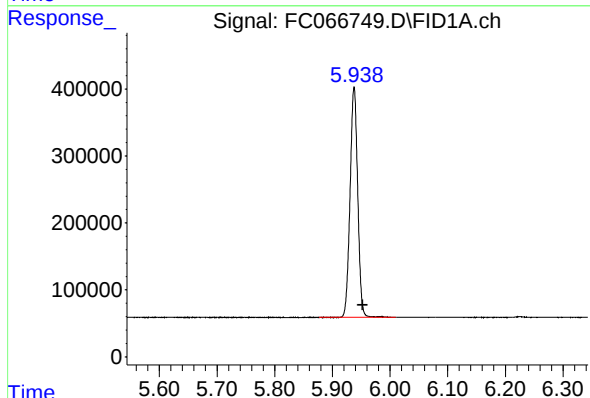
R.T.: 3.287 min
Delta R.T.: -0.012 min
Response: 2757872
Conc: 18.98 ug/ml

Instrument :
FID_C
ClientSampleId :



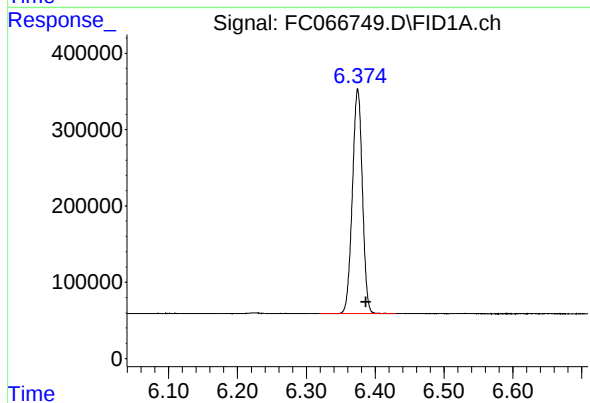
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.011 min
Response: 2939670
Conc: 19.71 ug/ml



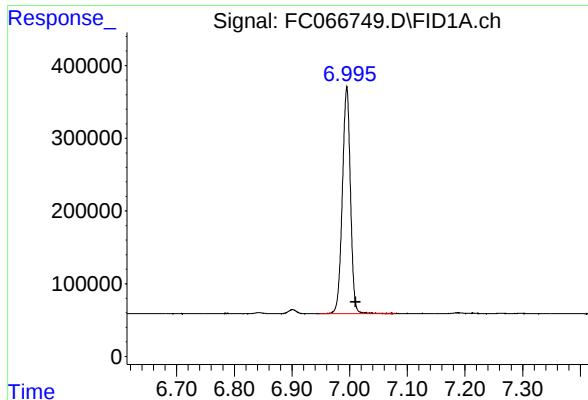
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.015 min
Response: 3174153
Conc: 19.55 ug/ml



#4 n-Dodecane (C12)

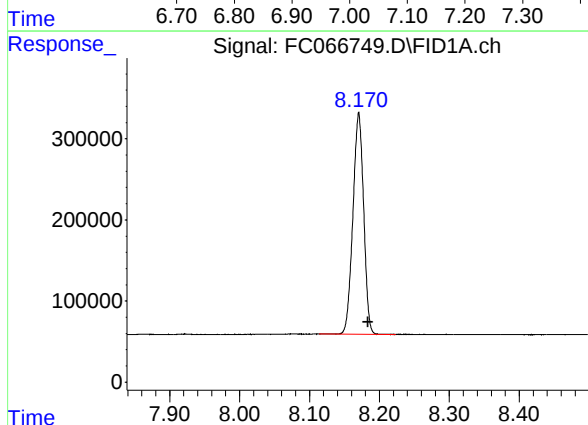
R.T.: 6.375 min
Delta R.T.: -0.012 min
Response: 2971137
Conc: 19.60 ug/ml



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

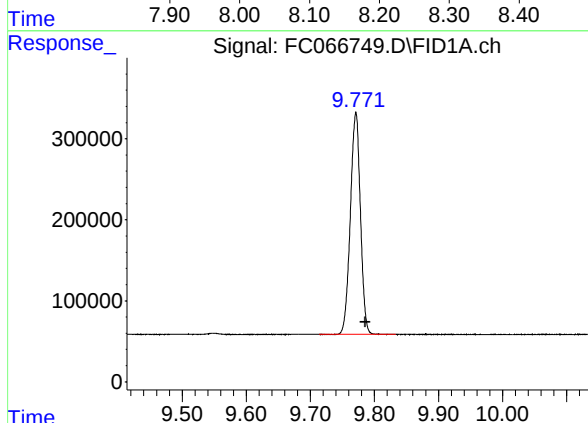
R.T.: 6.995 min
Delta R.T.: -0.015 min
Response: 3048507
Conc: 19.19 ug/ml

Instrument :
FID_C
ClientSampleId :



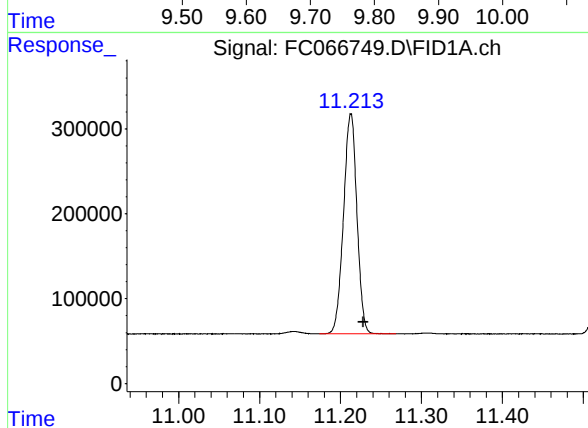
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: -0.013 min
Response: 2914096
Conc: 19.21 ug/ml



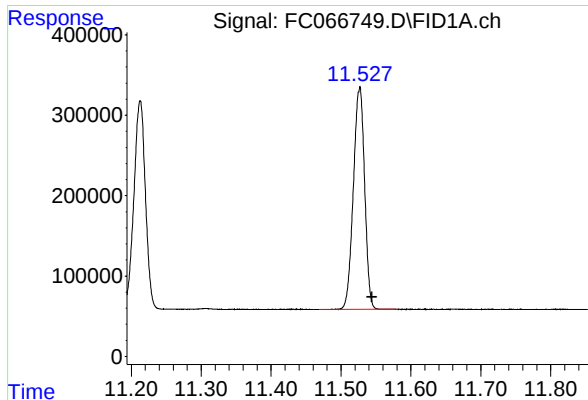
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.015 min
Response: 2984211
Conc: 18.63 ug/ml



#8 n-Octadecane (C18)

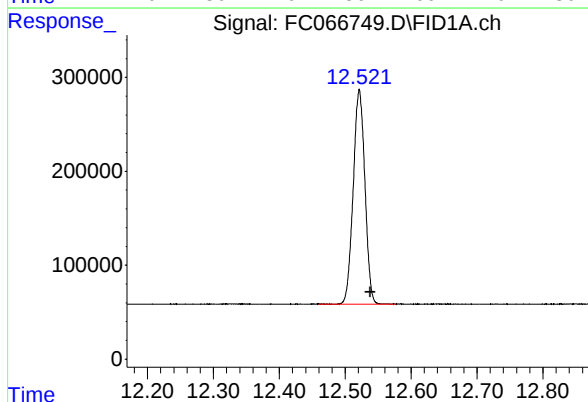
R.T.: 11.213 min
Delta R.T.: -0.016 min
Response: 2983987
Conc: 17.98 ug/ml



#9 ortho-Terphenyl (SURR)

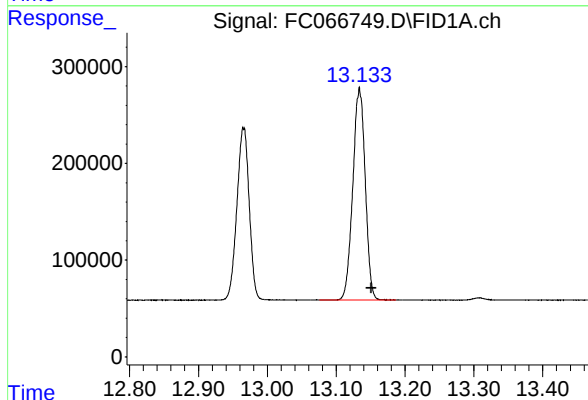
R.T.: 11.527 min
Delta R.T.: -0.018 min
Response: 3099039
Conc: 17.97 ug/ml

Instrument :
FID_C
ClientSampleId :



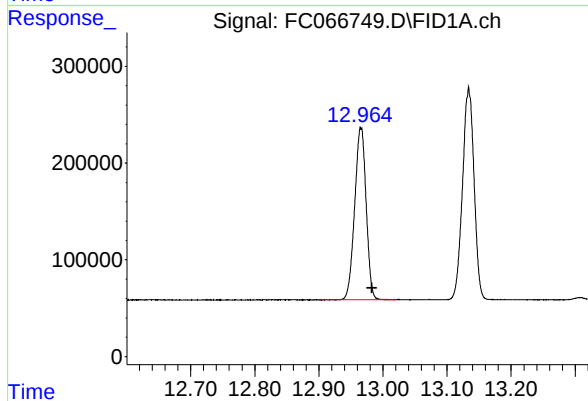
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: -0.017 min
Response: 2814644
Conc: 17.31 ug/ml



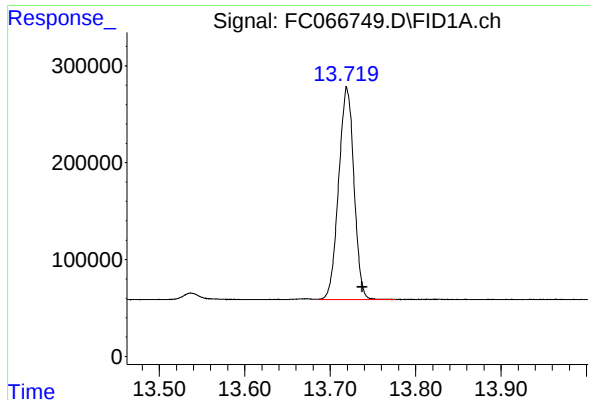
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: -0.017 min
Response: 2745315
Conc: 17.04 ug/ml



#12 1-chlorooctadecane (SURR)

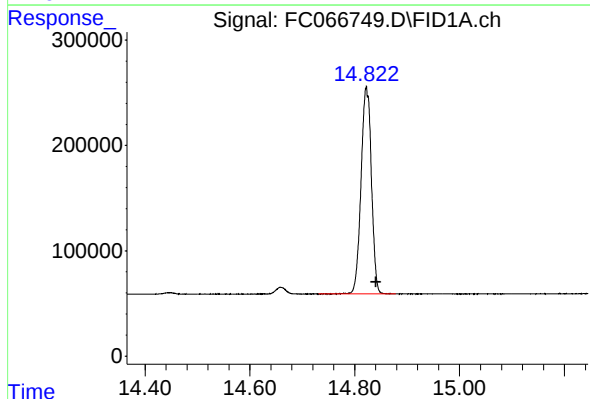
R.T.: 12.966 min
Delta R.T.: -0.017 min
Response: 2212980
Conc: 16.04 ug/ml



#13 n-Docosane (C22)

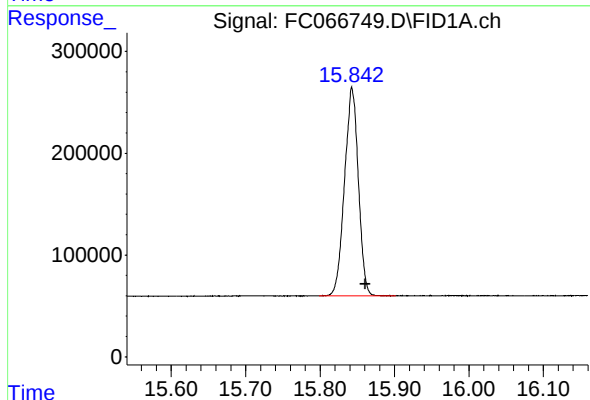
R.T.: 13.720 min
Delta R.T.: -0.018 min
Response: 2723883
Conc: 16.99 ug/ml

Instrument :
FID_C
ClientSampleId :



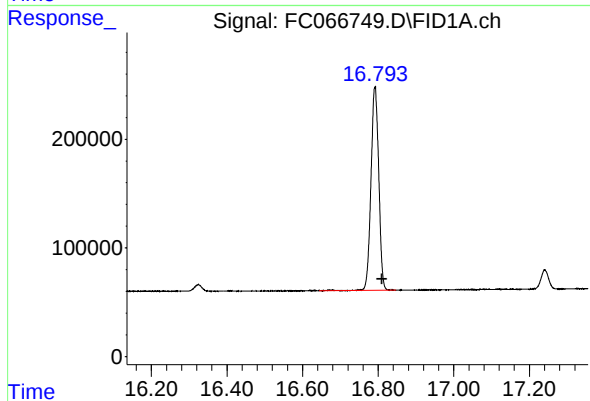
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: -0.018 min
Response: 2698526
Conc: 17.00 ug/ml



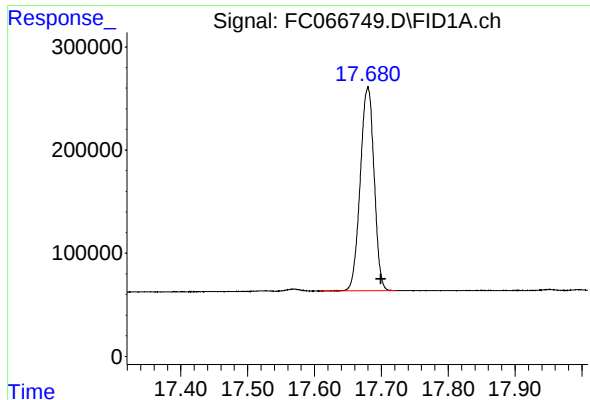
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: -0.018 min
Response: 2641211
Conc: 17.30 ug/ml



#16 n-Octacosane (C28)

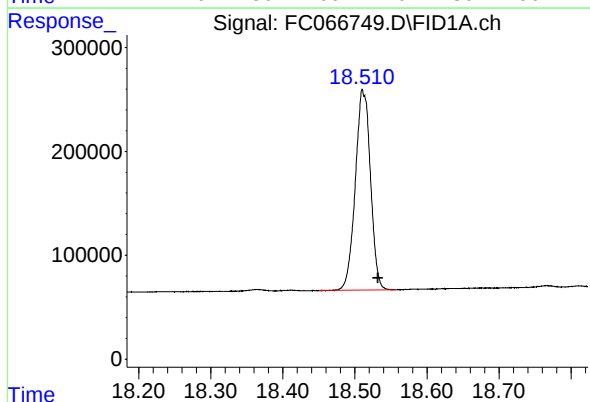
R.T.: 16.792 min
Delta R.T.: -0.019 min
Response: 2668706
Conc: 18.50 ug/ml



#17 n-Tricontane (C30)

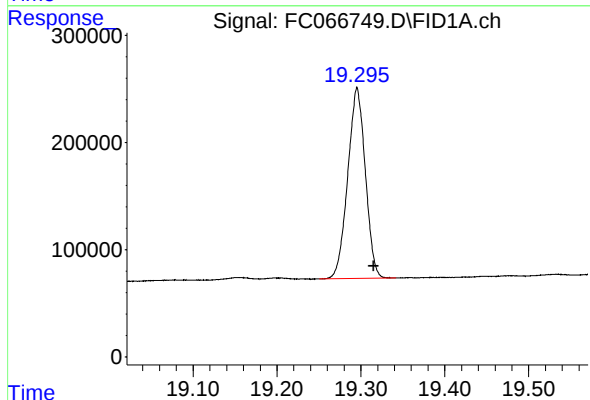
R.T.: 17.680 min
Delta R.T.: -0.019 min
Response: 2843975
Conc: 20.36 ug/ml

Instrument :
FID_C
ClientSampleId :



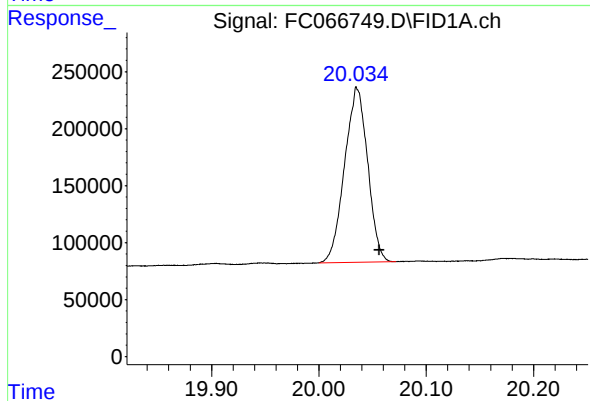
#18 n-Dotriacontane (C32)

R.T.: 18.512 min
Delta R.T.: -0.020 min
Response: 2821942
Conc: 21.38 ug/ml



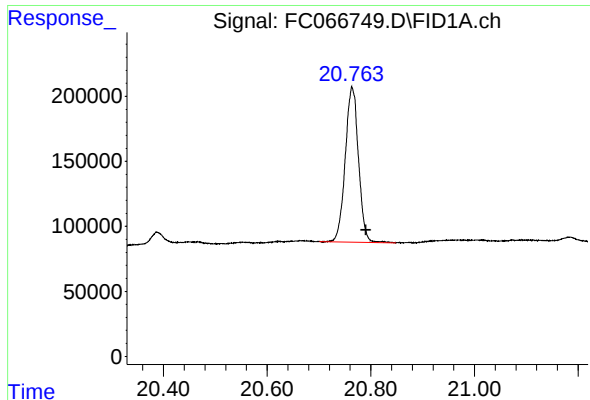
#19 n-Tetratriacontane (C34)

R.T.: 19.296 min
Delta R.T.: -0.020 min
Response: 2585832
Conc: 20.91 ug/ml



#20 n-Hexatriacontane (C36)

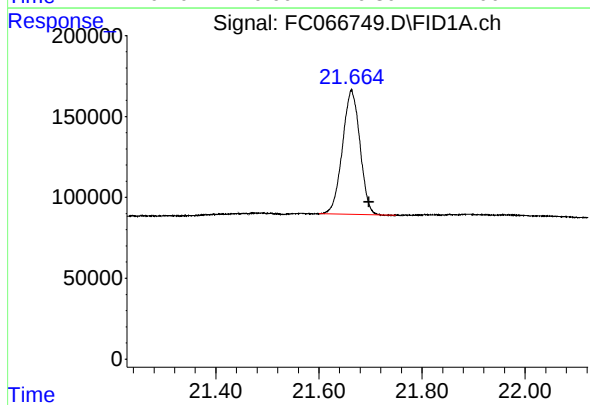
R.T.: 20.036 min
Delta R.T.: -0.020 min
Response: 2289735
Conc: 19.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.764 min
Delta R.T.: -0.027 min
Response: 2107444
Conc: 18.43 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.663 min
Delta R.T.: -0.034 min
Response: 1811666
Conc: 16.13 ug/ml