

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100623AL\
 Data File : FC064771.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2023 23:27
 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: Oct 07 02:38:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 2023
 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)	11.522	4234878	20.929 ug/ml
Spiked Amount 50.000		Recovery =	41.86%
12) S 1-chlorooctadecane (S...	12.953	3085044	21.180 ug/ml
Spiked Amount 50.000		Recovery =	42.36%
Target Compounds			
1) T n-Nonane (C9)	3.323	3624214	20.508 ug/ml
2) T n-Decane (C10)	4.383	3659254	20.369 ug/ml
3) T A~Naphthalene (C11.7)	5.963	3833350	20.405 ug/ml
4) T n-Dodecane (C12)	6.391	3712838	20.441 ug/ml
5) T A~2-methylnaphthalene...	7.017	3609568	20.240 ug/ml
6) T n-Tetradecane (C14)	8.178	3646497	20.551 ug/ml
7) T n-Hexadecane (C16)	9.773	3655315	20.335 ug/ml
8) T n-Octadecane (C18)	11.209	3664795	20.241 ug/ml
10) T n-Eicosane (C20)	12.512	3509338	20.602 ug/ml
11) T n-Heneicosane (C21)	13.121	3420462	20.652 ug/ml
13) T n-Docosane (C22)	13.704	3371630	20.696 ug/ml
14) T n-Tetracosane (C24)	14.802	3272810	20.615 ug/ml
15) T n-Hexacosane (C26)	15.818	3145341	20.605 ug/ml
16) T n-Octacosane (C28)	16.764	3086592	20.856 ug/ml
17) T n-Tricontane (C30)	17.647	3171547	21.349 ug/ml
18) T n-Dotriacontane (C32)	18.475	3162311	21.669 ug/ml
19) T n-Tetratriacontane (C34)	19.254	2962610	20.839 ug/ml
20) T n-Hexatriacontane (C36)	19.991	2802236	20.345 ug/ml
21) T n-Octatriacontane (C38)	20.711	2786221	20.330 ug/ml
22) T n-Tetracontane (C40)	21.593	2719938	19.996 ug/ml

(f)=RT Delta > 1/2 Window

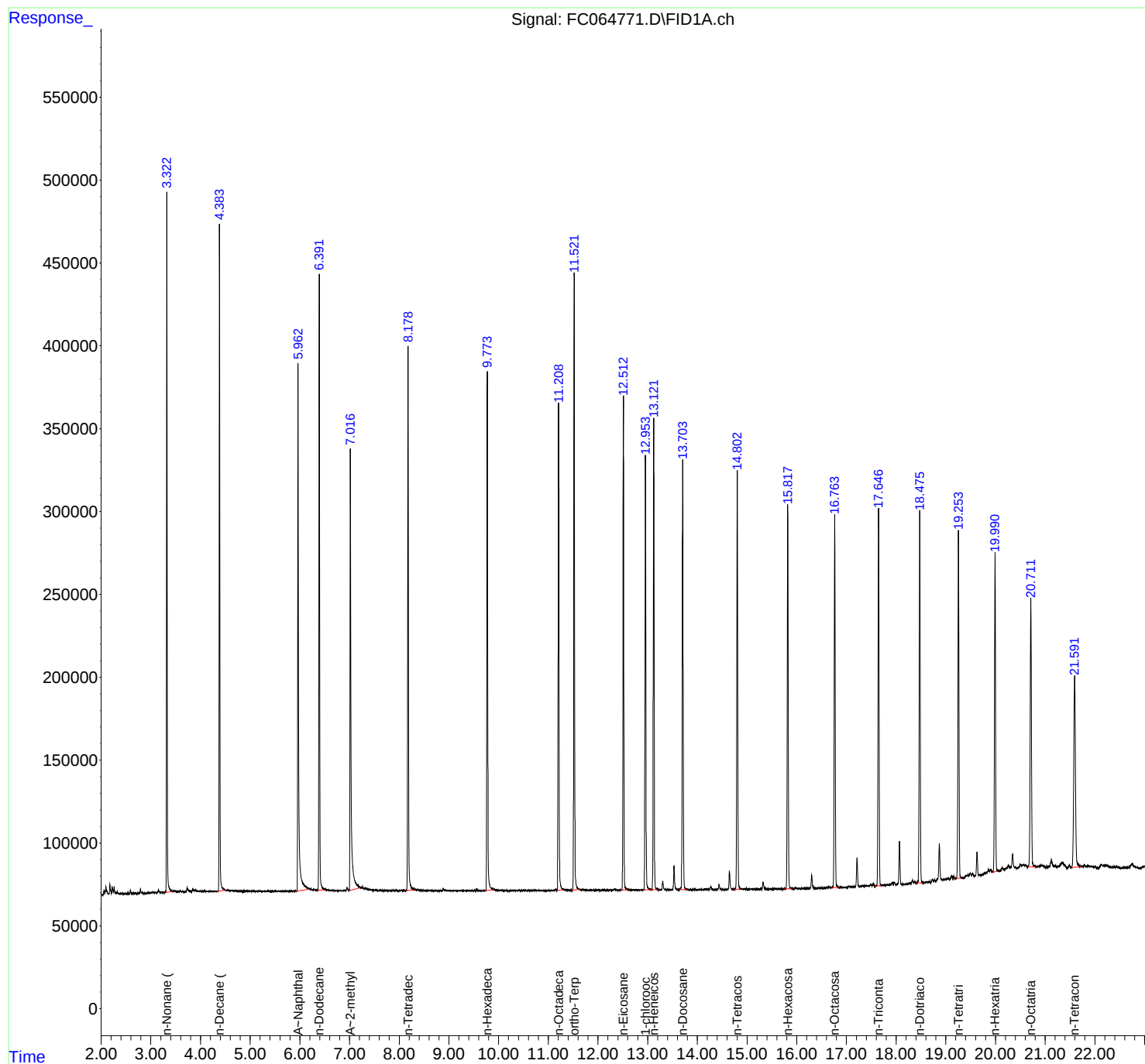
(m)=manual int.

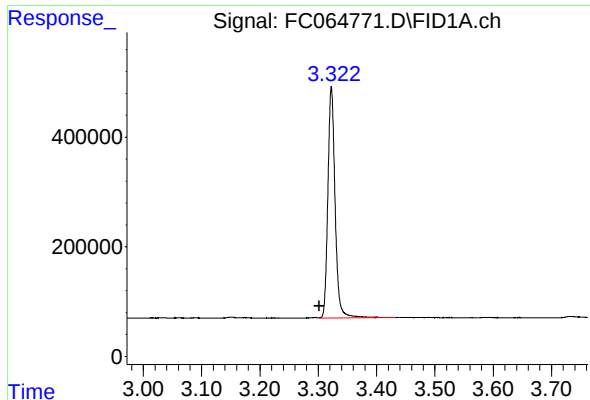
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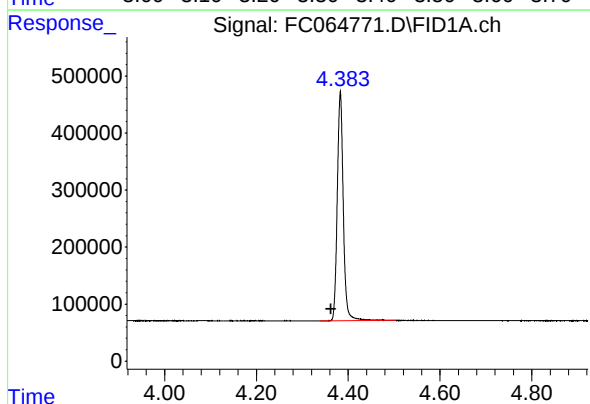




#1 n-Nonane (C9)

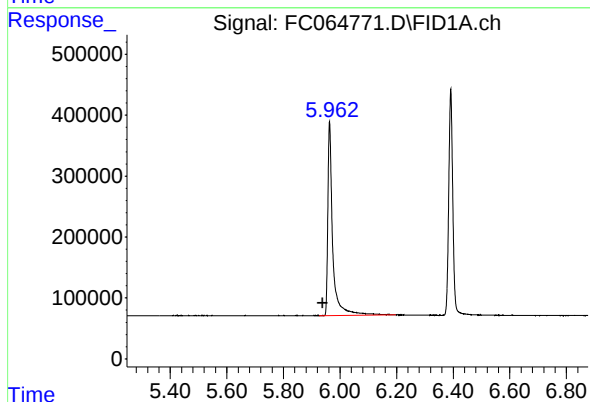
R.T.: 3.323 min
Delta R.T.: 0.021 min
Response: 3624214
Conc: 20.51 ug/ml

Instrument :
FID_C
ClientSampleId :



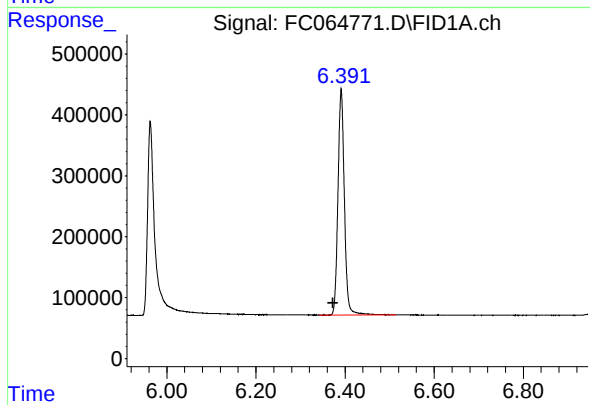
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.021 min
Response: 3659254
Conc: 20.37 ug/ml



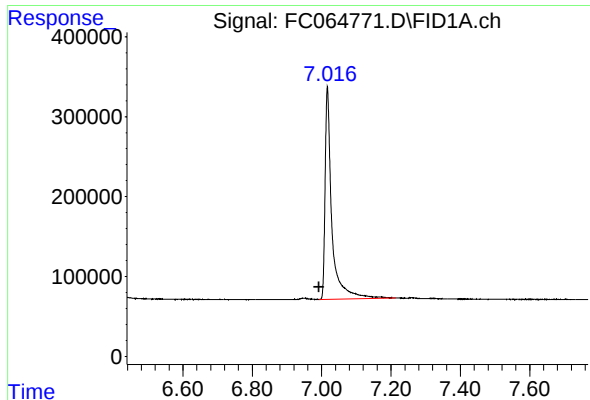
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: 0.024 min
Response: 3833350
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

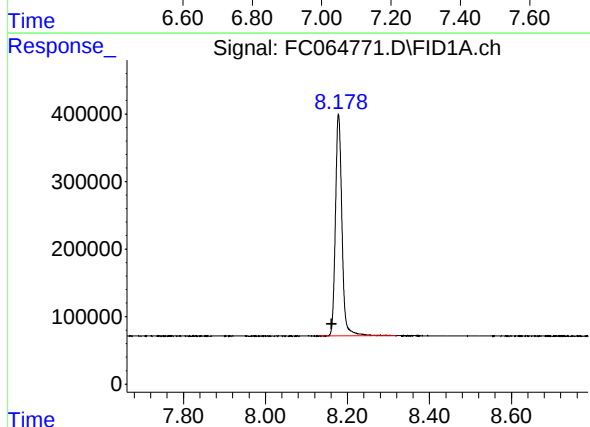
R.T.: 6.391 min
Delta R.T.: 0.019 min
Response: 3712838
Conc: 20.44 ug/ml



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

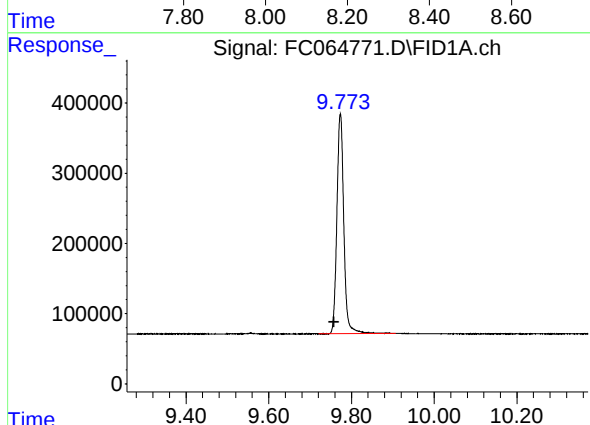
R.T.: 7.017 min
Delta R.T.: 0.024 min
Response: 3609568
Conc: 20.24 ug/ml

Instrument :
FID_C
ClientSampleId :



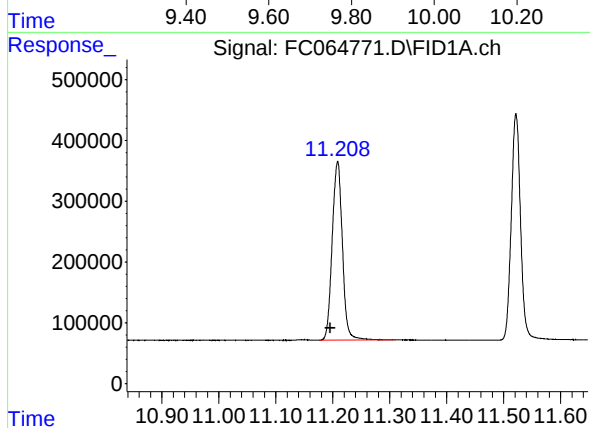
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.017 min
Response: 3646497
Conc: 20.55 ug/ml



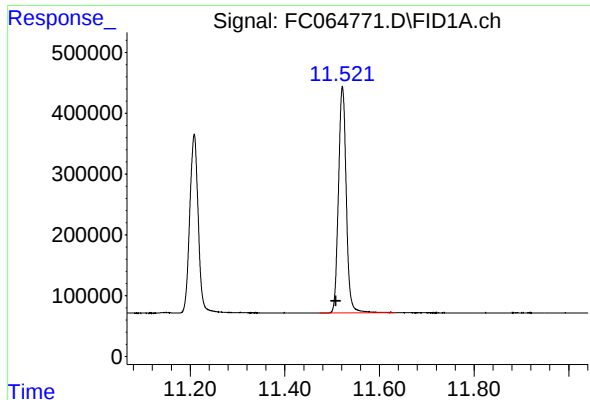
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.015 min
Response: 3655315
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

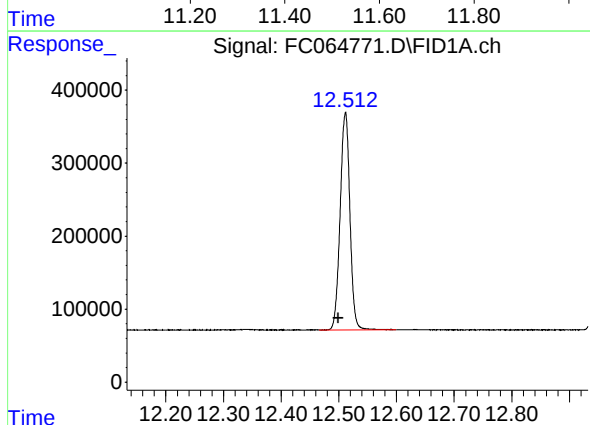
R.T.: 11.209 min
Delta R.T.: 0.013 min
Response: 3664795
Conc: 20.24 ug/ml



#9 ortho-Terphenyl (SURR)

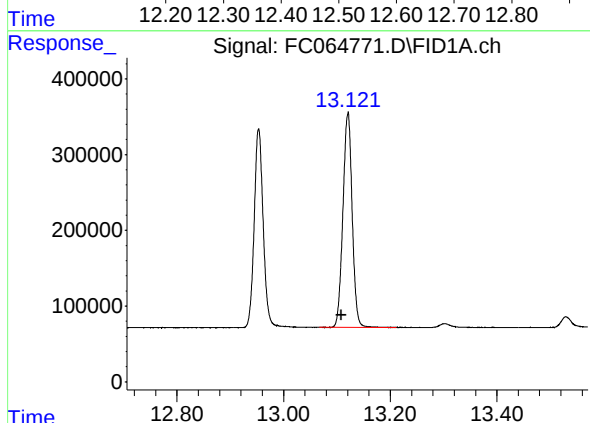
R.T.: 11.522 min
Delta R.T.: 0.013 min
Response: 4234878
Conc: 20.93 ug/ml

Instrument :
FID_C
ClientSampleId :



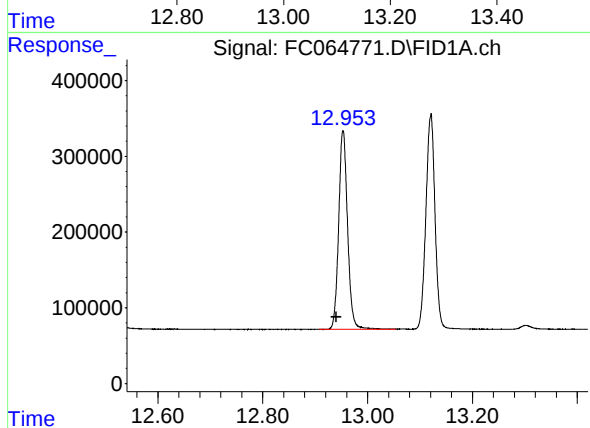
#10 n-Eicosane (C20)

R.T.: 12.512 min
Delta R.T.: 0.012 min
Response: 3509338
Conc: 20.60 ug/ml



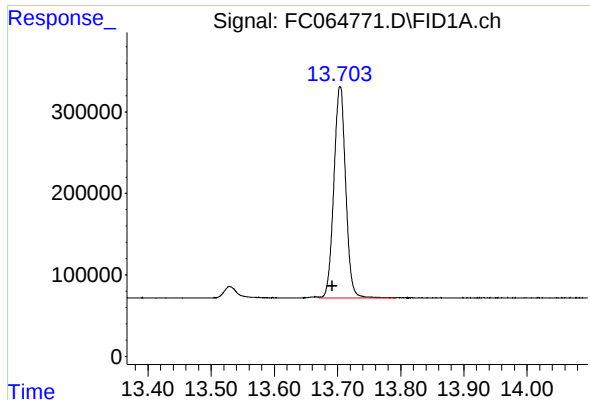
#11 n-Heneicosane (C21)

R.T.: 13.121 min
Delta R.T.: 0.013 min
Response: 3420462
Conc: 20.65 ug/ml



#12 1-chlorooctadecane (SURR)

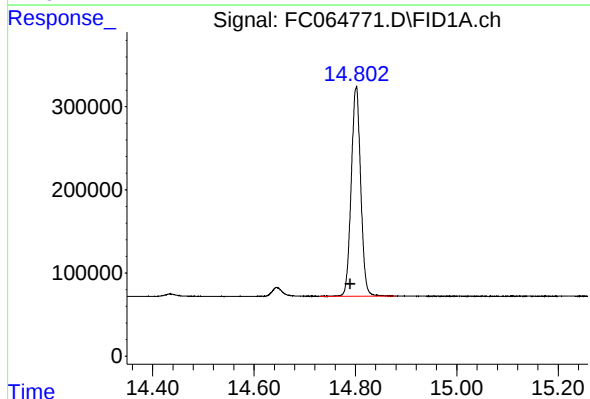
R.T.: 12.953 min
Delta R.T.: 0.013 min
Response: 3085044
Conc: 21.18 ug/ml



#13 n-Docosane (C22)

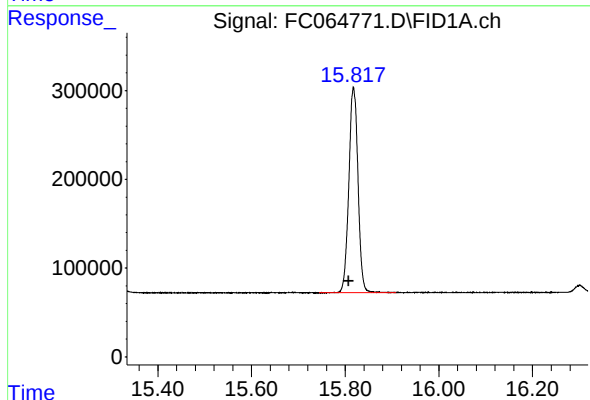
R.T.: 13.704 min
Delta R.T.: 0.012 min
Response: 3371630
Conc: 20.70 ug/ml

Instrument :
FID_C
ClientSampleId :



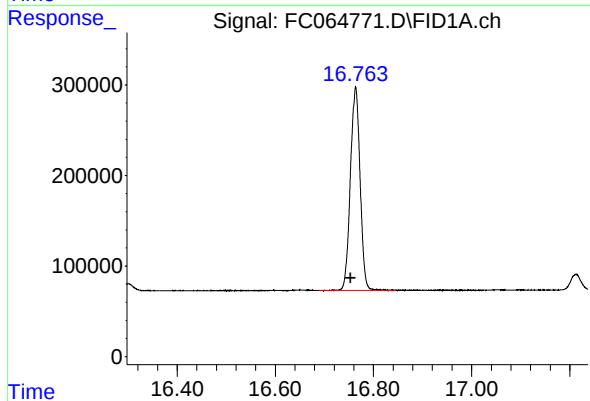
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: 0.011 min
Response: 3272810
Conc: 20.61 ug/ml



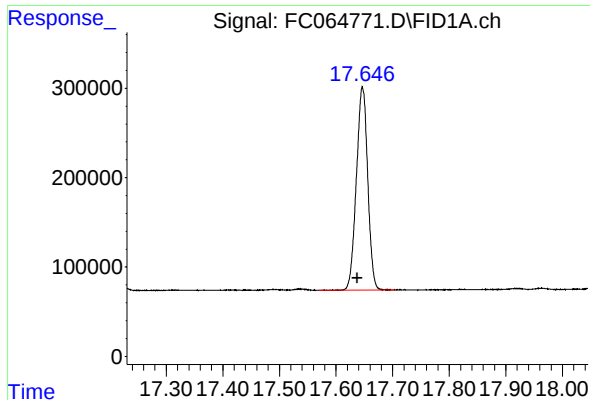
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: 0.011 min
Response: 3145341
Conc: 20.61 ug/ml



#16 n-Octacosane (C28)

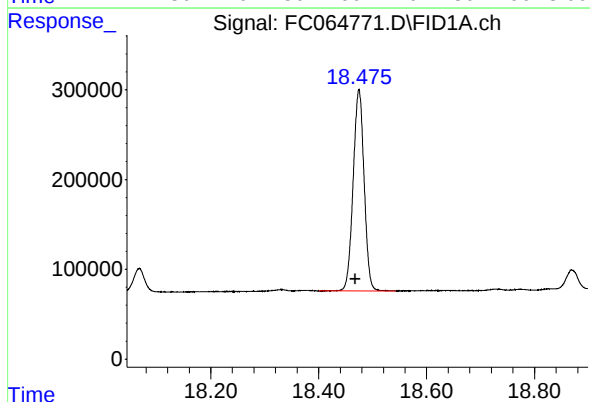
R.T.: 16.764 min
Delta R.T.: 0.010 min
Response: 3086592
Conc: 20.86 ug/ml



#17 n-Tricontane (C30)

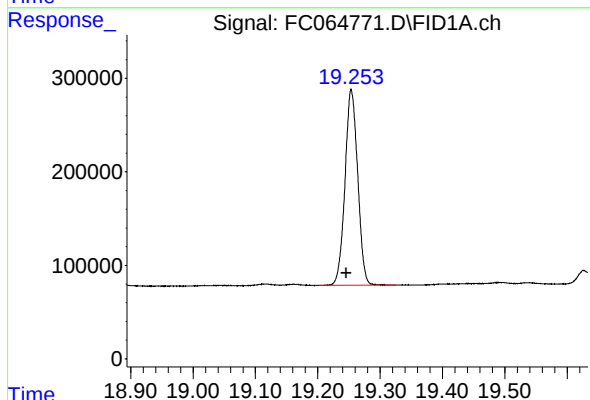
R.T.: 17.647 min
Delta R.T.: 0.010 min
Response: 3171547
Conc: 21.35 ug/ml

Instrument :
FID_C
ClientSampleId :



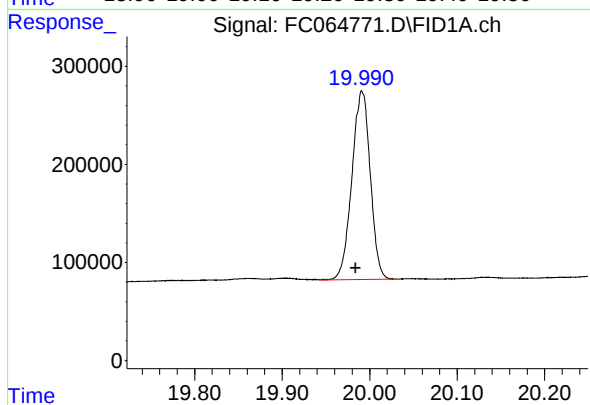
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: 0.007 min
Response: 3162311
Conc: 21.67 ug/ml



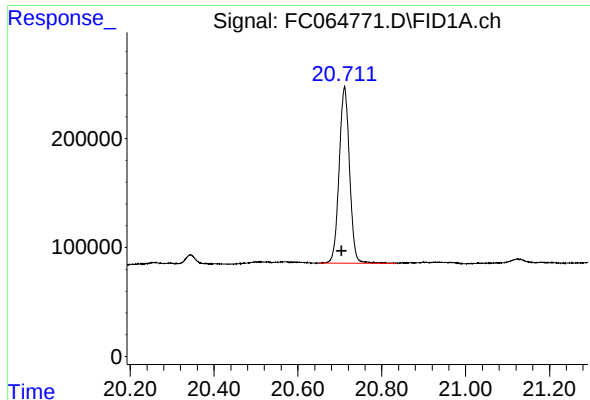
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min
Delta R.T.: 0.008 min
Response: 2962610
Conc: 20.84 ug/ml



#20 n-Hexatriacontane (C36)

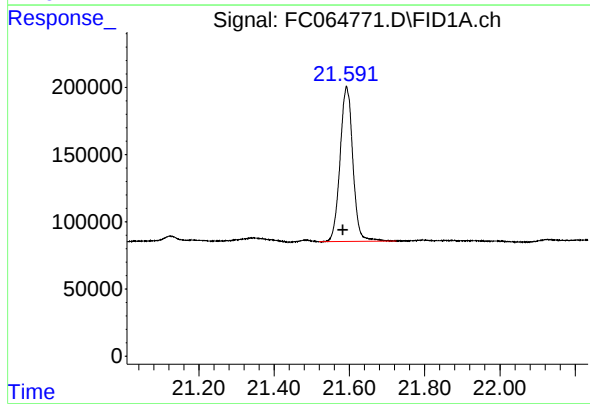
R.T.: 19.991 min
Delta R.T.: 0.008 min
Response: 2802236
Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: 0.006 min
Response: 2786221
Conc: 20.33 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: 0.009 min
Response: 2719938
Conc: 20.00 ug/ml