

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083123AL\
 Data File : FC064472.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2023 22:10
 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: Sep 01 00:18:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.510	3898551	18.363 ug/ml
Spiked Amount 50.000		Recovery =	36.73%
12) S 1-chlorooctadecane (S...	12.945	2829523	18.558 ug/ml
Spiked Amount 50.000		Recovery =	37.12%
Target Compounds			
1) T n-Nonane (C9)	3.307	3303849	18.719 ug/ml
2) T n-Decane (C10)	4.366	3369752	19.209 ug/ml
3) T A~Naphthalene (C11.7)	5.944	3554646	19.116 ug/ml
4) T n-Dodecane (C12)	6.375	3399904	19.074 ug/ml
5) T A~2-methylnaphthalene...	6.997	3448373	19.385 ug/ml
6) T n-Tetradecane (C14)	8.164	3325523	19.062 ug/ml
7) T n-Hexadecane (C16)	9.760	3324875	19.240 ug/ml
8) T n-Octadecane (C18)	11.198	3304814	18.876 ug/ml
10) T n-Eicosane (C20)	12.502	3148508	18.613 ug/ml
11) T n-Heneicosane (C21)	13.111	3079385	18.450 ug/ml
13) T n-Docosane (C22)	13.695	3035444	18.610 ug/ml
14) T n-Tetracosane (C24)	14.796	2960093	18.588 ug/ml
15) T n-Hexacosane (C26)	15.812	2865920	18.550 ug/ml
16) T n-Octacosane (C28)	16.758	2846944	19.230 ug/ml
17) T n-Tricontane (C30)	17.641	3011720	20.619 ug/ml
18) T n-Dotriacontane (C32)	18.472	3075589	21.773 ug/ml
19) T n-Tetratriacontane (C34)	19.250	2942728	22.024 ug/ml
20) T n-Hexatriacontane (C36)	19.989	2771252	21.657 ug/ml
21) T n-Octatriacontane (C38)	20.709	2649088	21.573 ug/ml
22) T n-Tetracontane (C40)	21.590	2592102	22.320 ug/ml

(f)=RT Delta > 1/2 Window

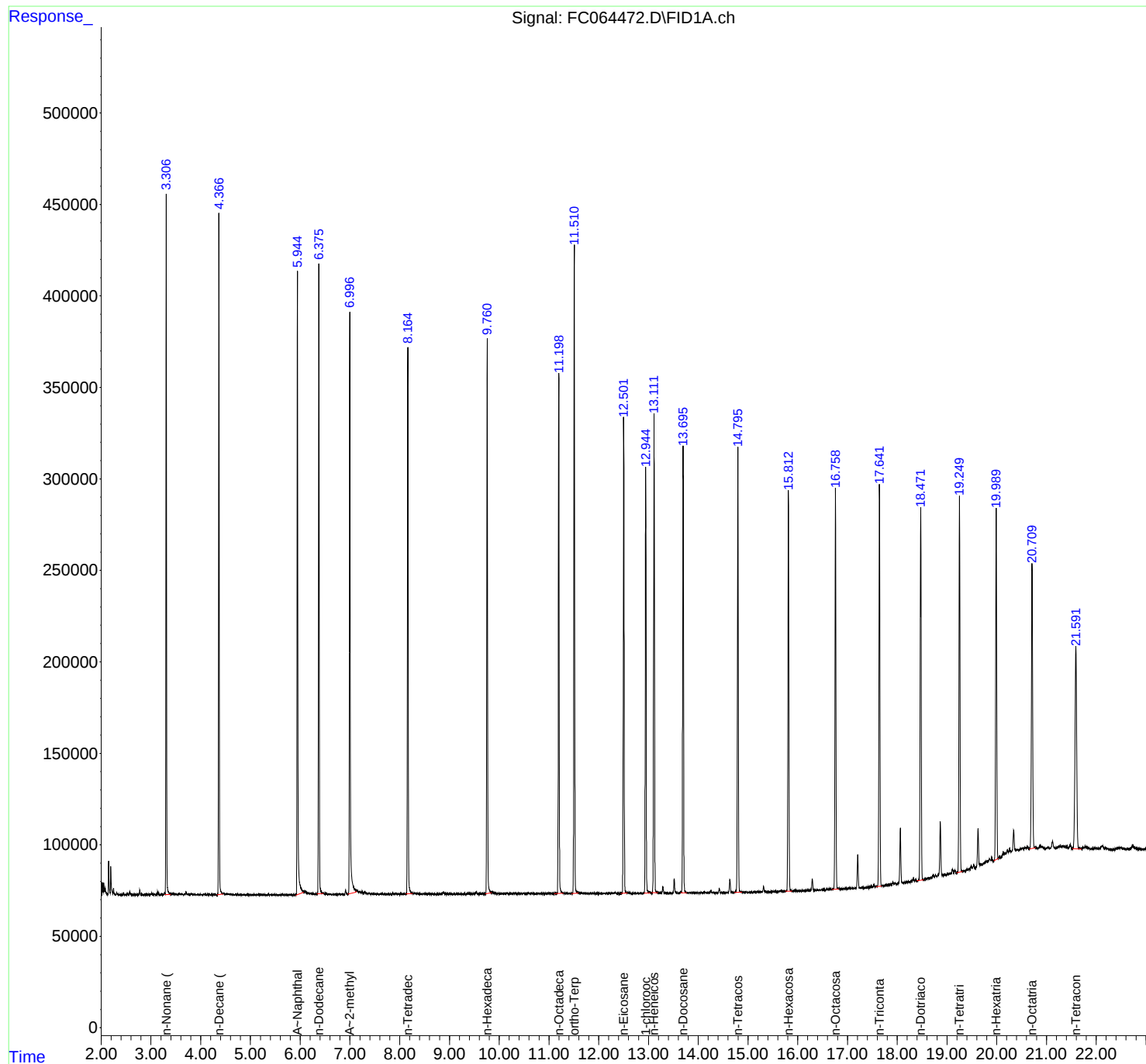
(m)=manual int.

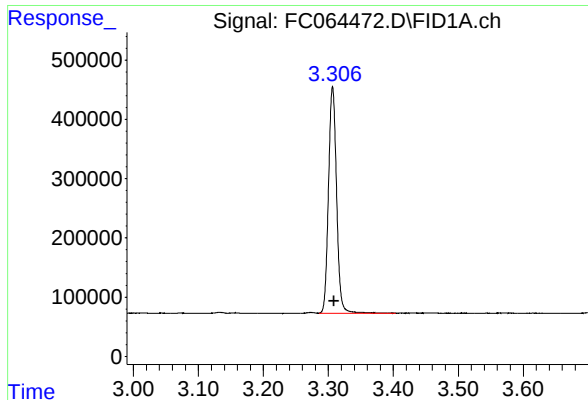
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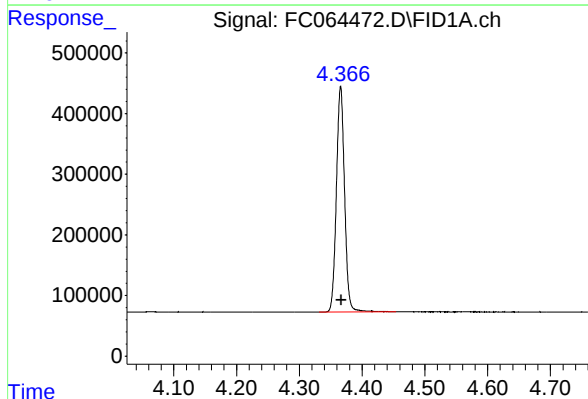




#1 n-Nonane (C9)

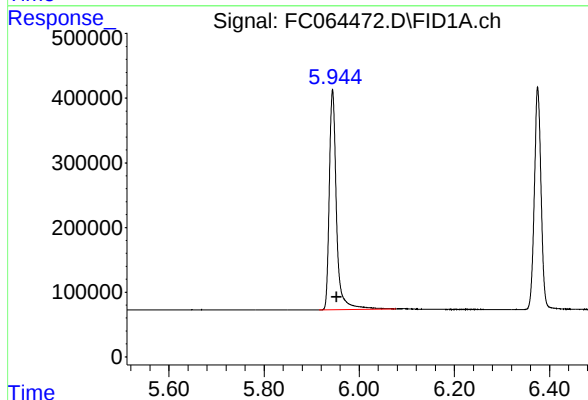
R.T.: 3.307 min
Delta R.T.: -0.002 min
Response: 3303849
Conc: 18.72 ug/ml

Instrument :
FID_C
ClientSampleId :



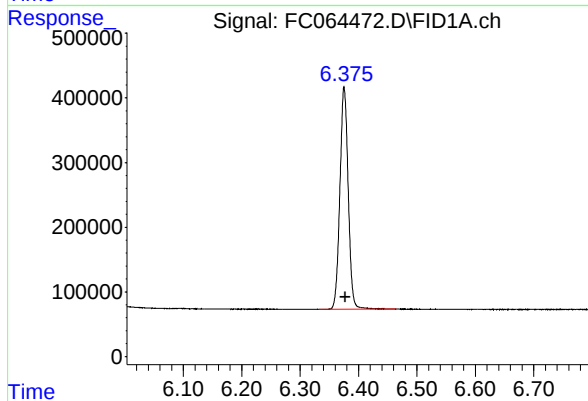
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 3369752
Conc: 19.21 ug/ml



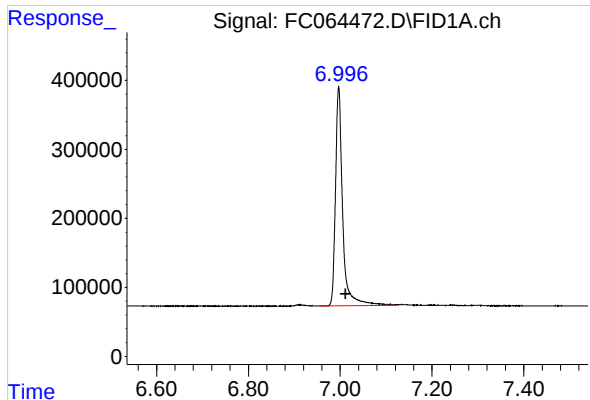
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.009 min
Response: 3554646
Conc: 19.12 ug/ml



#4 n-Dodecane (C12)

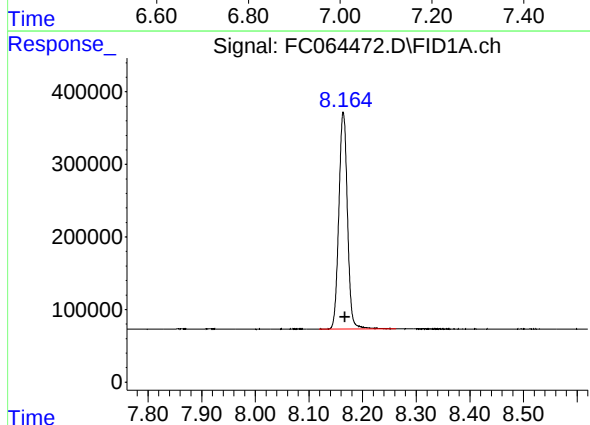
R.T.: 6.375 min
Delta R.T.: -0.002 min
Response: 3399904
Conc: 19.07 ug/ml



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

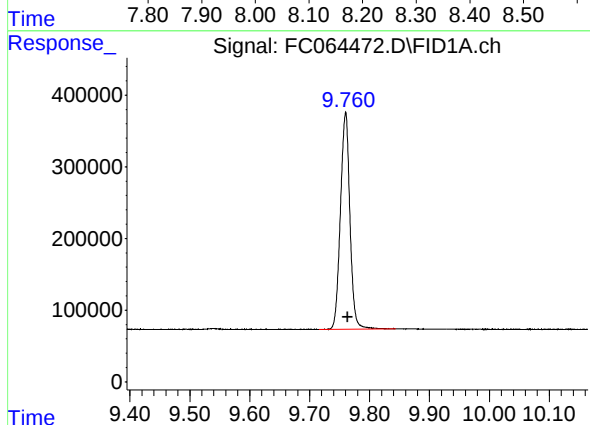
R.T.: 6.997 min
Delta R.T.: -0.015 min
Response: 3448373
Conc: 19.38 ug/ml

Instrument :
FID_C
ClientSampleId :



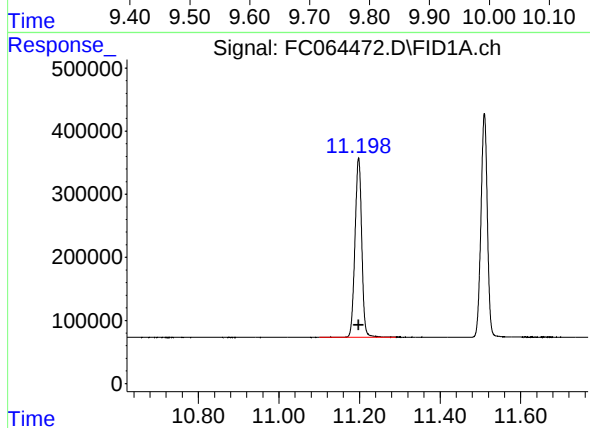
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.003 min
Response: 3325523
Conc: 19.06 ug/ml



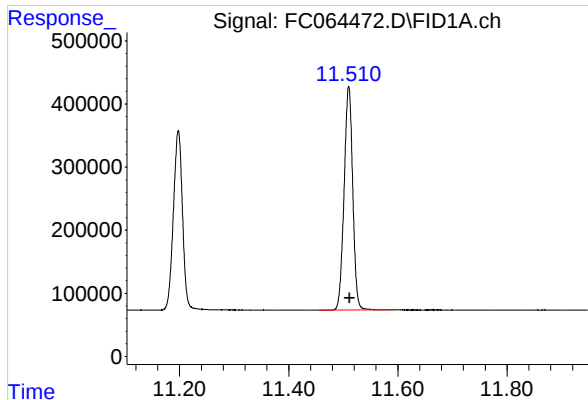
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.003 min
Response: 3324875
Conc: 19.24 ug/ml



#8 n-Octadecane (C18)

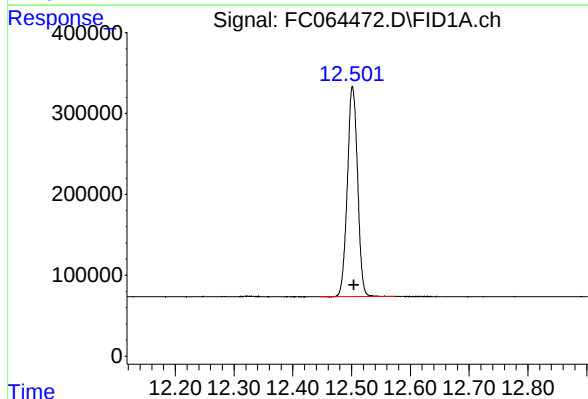
R.T.: 11.198 min
Delta R.T.: 0.000 min
Response: 3304814
Conc: 18.88 ug/ml



#9 ortho-Terphenyl (SURR)

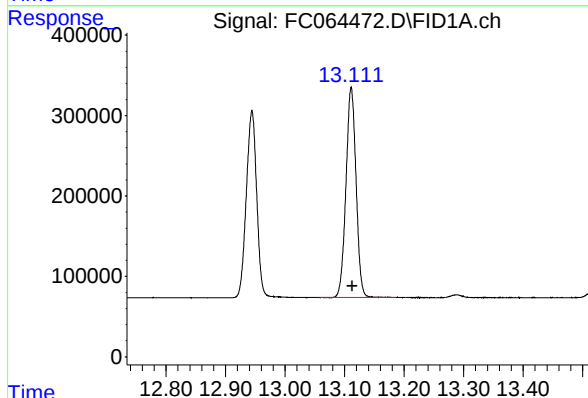
R.T.: 11.510 min
Delta R.T.: -0.002 min
Response: 3898551
Conc: 18.36 ug/ml

Instrument :
FID_C
ClientSampleId :



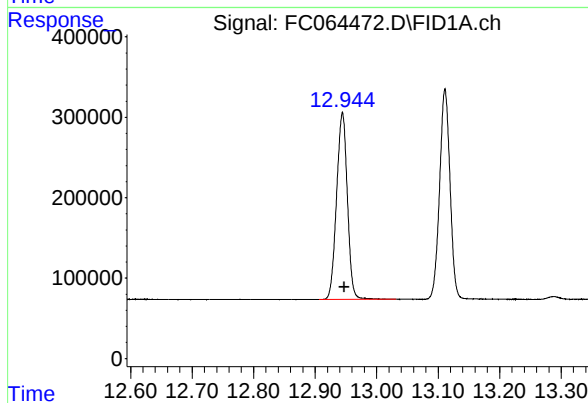
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: -0.003 min
Response: 3148508
Conc: 18.61 ug/ml



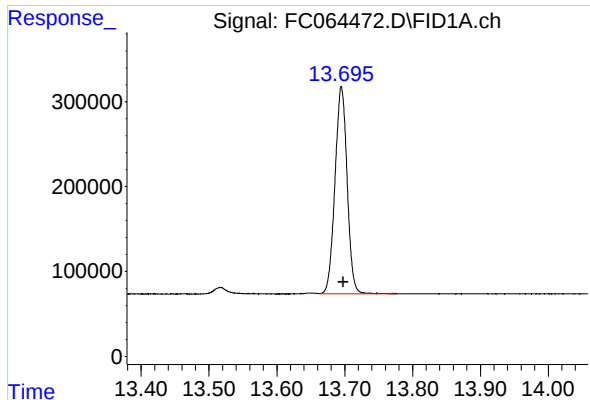
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: -0.002 min
Response: 3079385
Conc: 18.45 ug/ml



#12 1-chlorooctadecane (SURR)

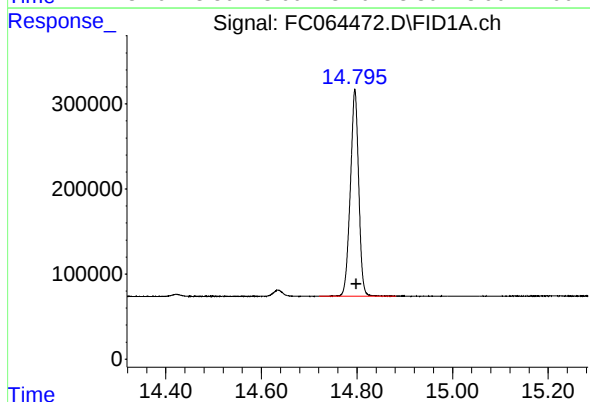
R.T.: 12.945 min
Delta R.T.: -0.003 min
Response: 2829523
Conc: 18.56 ug/ml



#13 n-Docosane (C22)

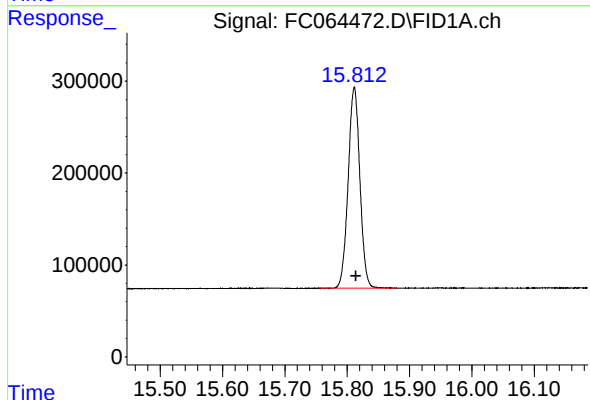
R.T.: 13.695 min
Delta R.T.: -0.003 min
Response: 3035444
Conc: 18.61 ug/ml

Instrument :
FID_C
ClientSampleId :



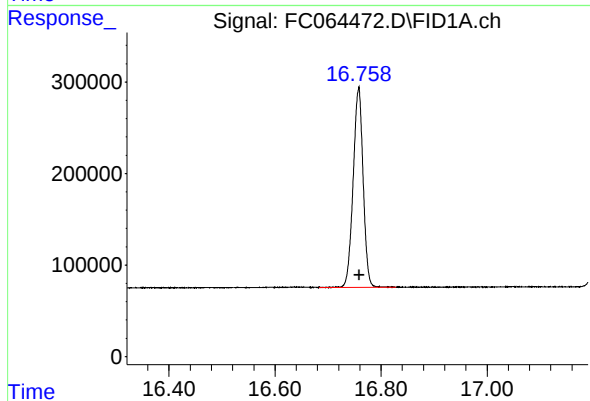
#14 n-Tetracosane (C24)

R.T.: 14.796 min
Delta R.T.: -0.003 min
Response: 2960093
Conc: 18.59 ug/ml



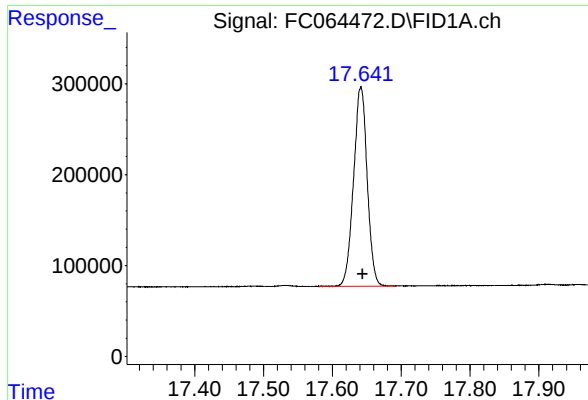
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: -0.003 min
Response: 2865920
Conc: 18.55 ug/ml



#16 n-Octacosane (C28)

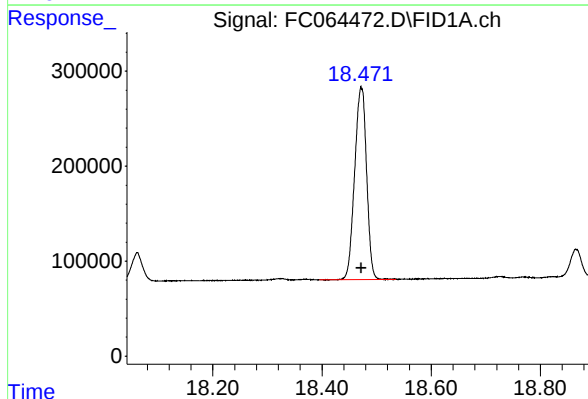
R.T.: 16.758 min
Delta R.T.: -0.001 min
Response: 2846944
Conc: 19.23 ug/ml



#17 n-Tricontane (C30)

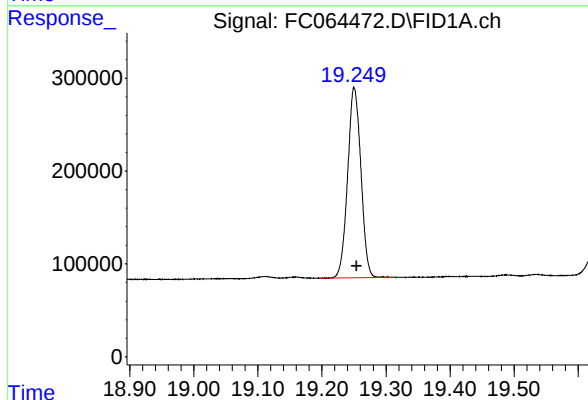
R.T.: 17.641 min
Delta R.T.: -0.003 min
Response: 3011720
Conc: 20.62 ug/ml

Instrument :
FID_C
ClientSampleId :



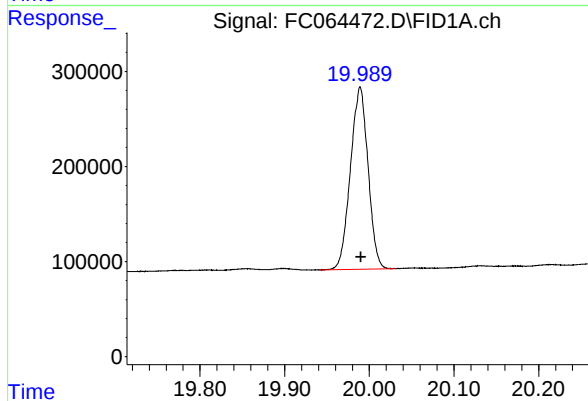
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: 0.000 min
Response: 3075589
Conc: 21.77 ug/ml



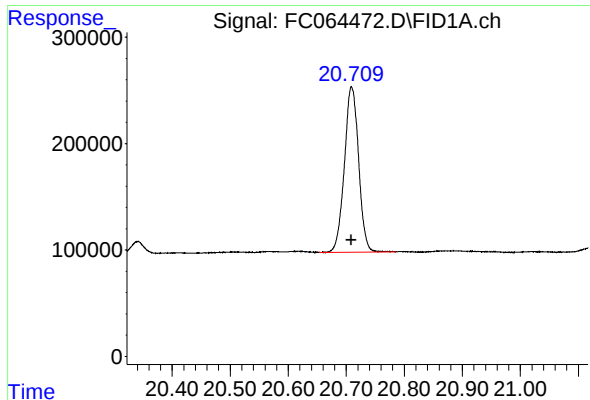
#19 n-Tetratriacontane (C34)

R.T.: 19.250 min
Delta R.T.: -0.004 min
Response: 2942728
Conc: 22.02 ug/ml



#20 n-Hexatriacontane (C36)

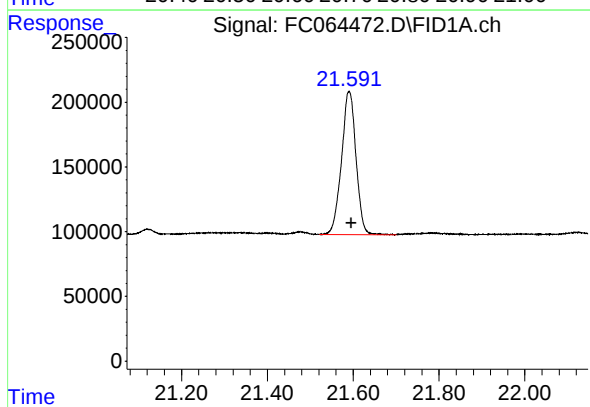
R.T.: 19.989 min
Delta R.T.: 0.000 min
Response: 2771252
Conc: 21.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: 0.000 min
Response: 2649088
Conc: 21.57 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: -0.006 min
Response: 2592102
Conc: 22.32 ug/ml