

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101223AL\
 Data File : FC064793.D
 Signal(s) : FID1A.ch
 Acq On : 12 Oct 2023 13:38
 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: Oct 13 01:11:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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	4351778	20.381 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
12) S 1-chlorooctadecane (S...	12.954	3038469	20.264 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
Target Compounds			
1) T n-Nonane (C9)	3.321	3845860	20.939 ug/ml
2) T n-Decane (C10)	4.381	3844791	21.018 ug/ml
3) T A~Naphthalene (C11.7)	5.965	3910697	20.619 ug/ml
4) T n-Dodecane (C12)	6.392	3934188	21.107 ug/ml
5) T A~2-methylnaphthalene...	7.019	3694168	21.094 ug/ml
6) T n-Tetradecane (C14)	8.180	3801605	21.167 ug/ml
7) T n-Hexadecane (C16)	9.773	3749869	21.081 ug/ml
8) T n-Octadecane (C18)	11.208	3717220	20.715 ug/ml
10) T n-Eicosane (C20)	12.511	3541763	20.569 ug/ml
11) T n-Heneicosane (C21)	13.120	3455125	20.402 ug/ml
13) T n-Docosane (C22)	13.704	3361160	20.399 ug/ml
14) T n-Tetracosane (C24)	14.803	3231982	20.306 ug/ml
15) T n-Hexacosane (C26)	15.820	3086820	20.151 ug/ml
16) T n-Octacosane (C28)	16.764	2956445	20.062 ug/ml
17) T n-Tricontane (C30)	17.646	2934228	20.055 ug/ml
18) T n-Dotriacontane (C32)	18.477	2878576	19.936 ug/ml
19) T n-Tetratriacontane (C34)	19.255	2764003	19.644 ug/ml
20) T n-Hexatriacontane (C36)	19.992	2672225	19.315 ug/ml
21) T n-Octatriacontane (C38)	20.714	2530873	19.106 ug/ml
22) T n-Tetracontane (C40)	21.594	2362372	18.876 ug/ml

(f)=RT Delta > 1/2 Window

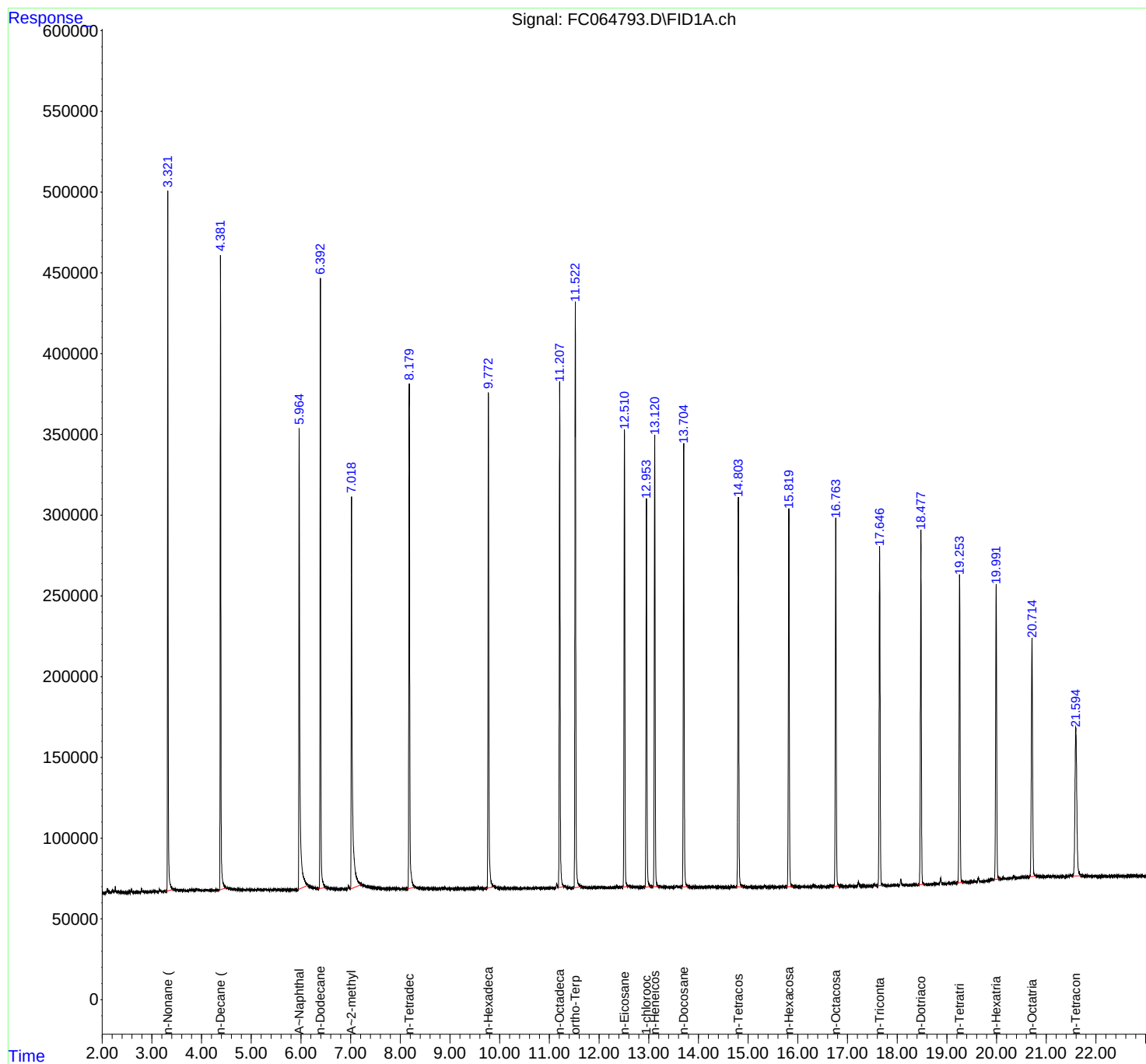
(m)=manual int.

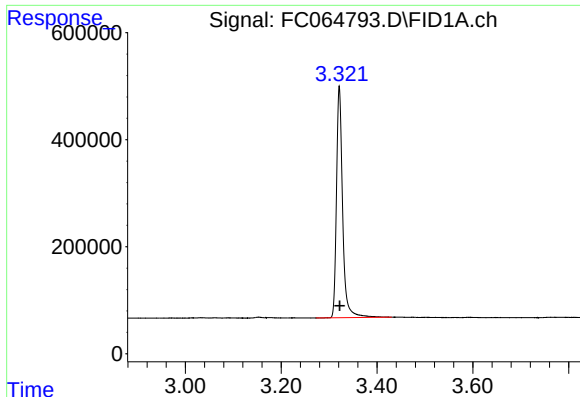
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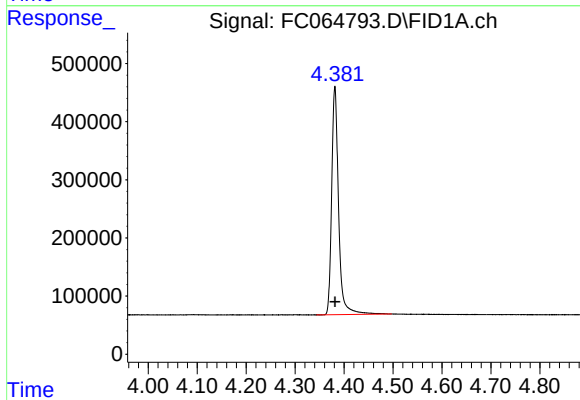




#1 n-Nonane (C9)

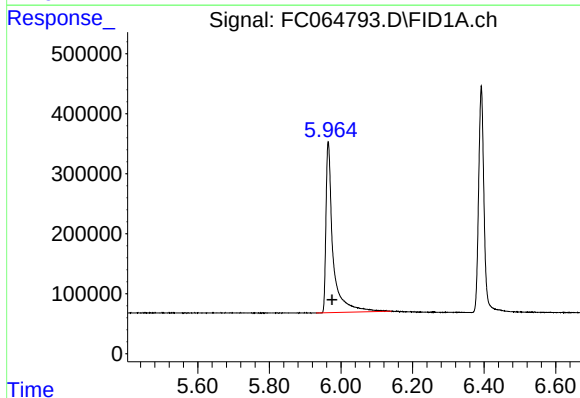
R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 3845860
Conc: 20.94 ug/ml

Instrument :
FID_C
ClientSampleId :



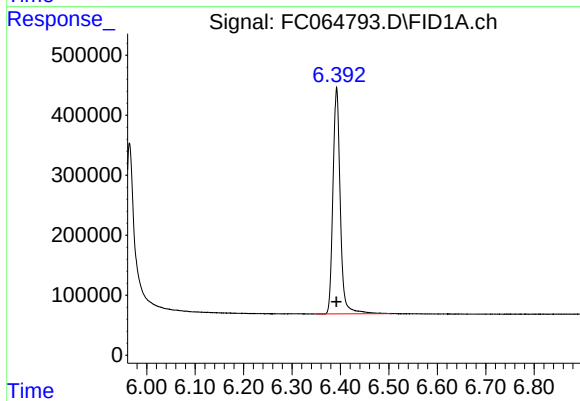
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 3844791
Conc: 21.02 ug/ml



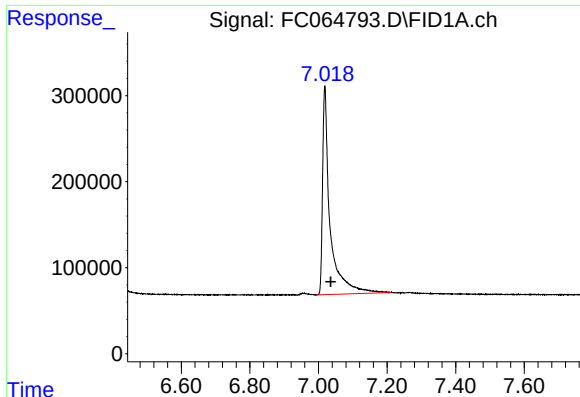
#3 A~Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.011 min
Response: 3910697
Conc: 20.62 ug/ml



#4 n-Dodecane (C12)

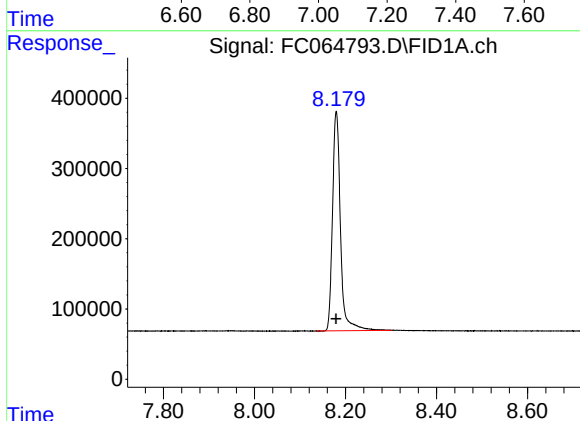
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 3934188
Conc: 21.11 ug/ml



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

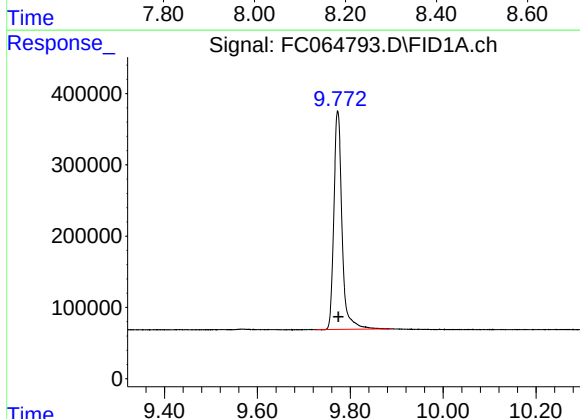
R.T.: 7.019 min
Delta R.T.: -0.018 min
Response: 3694168
Conc: 21.09 ug/ml

Instrument :
FID_C
ClientSampleId :



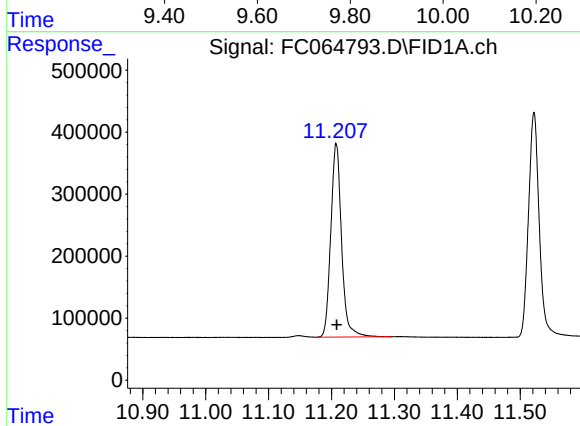
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: 0.000 min
Response: 3801605
Conc: 21.17 ug/ml



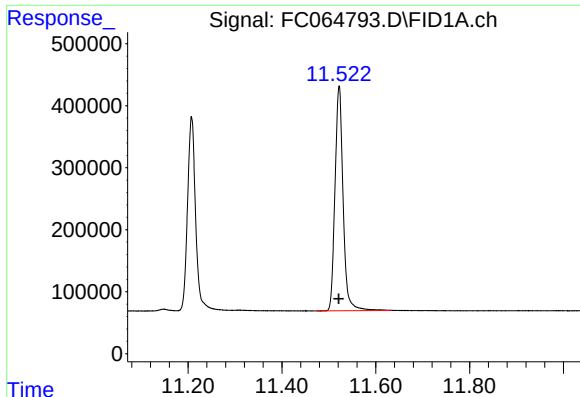
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: -0.002 min
Response: 3749869
Conc: 21.08 ug/ml



#8 n-Octadecane (C18)

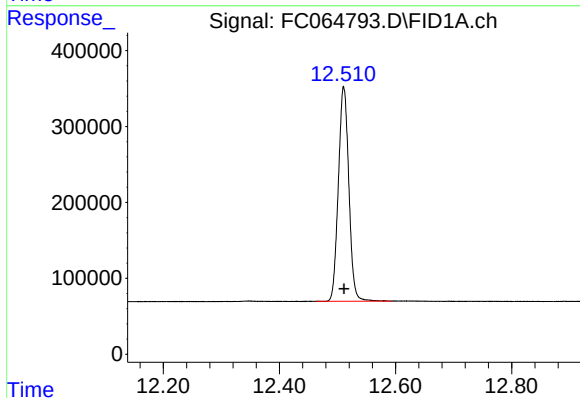
R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 3717220
Conc: 20.72 ug/ml



#9 ortho-Terphenyl (SURR)

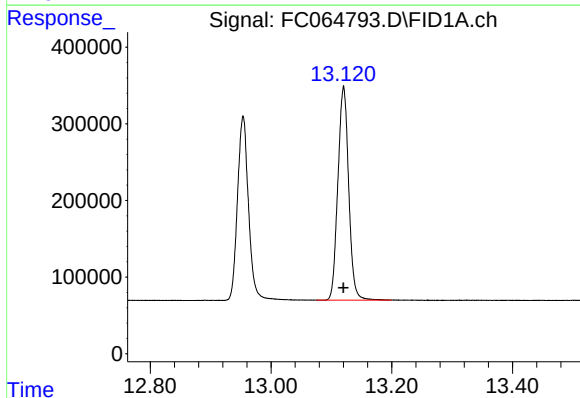
R.T.: 11.522 min
Delta R.T.: 0.000 min
Response: 4351778
Conc: 20.38 ug/ml

Instrument :
FID_C
ClientSampleId :



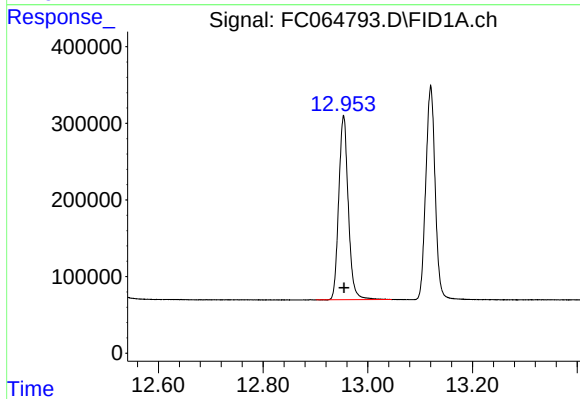
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: 0.000 min
Response: 3541763
Conc: 20.57 ug/ml



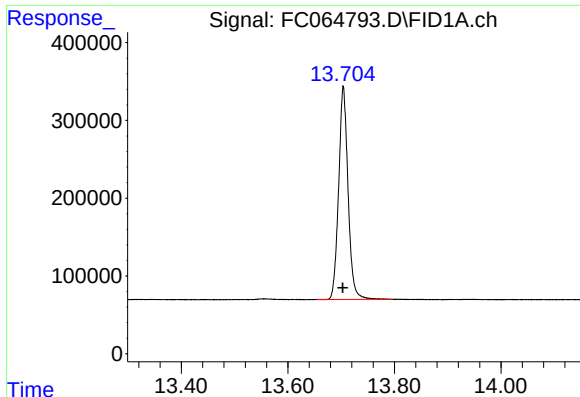
#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: 0.000 min
Response: 3455125
Conc: 20.40 ug/ml



#12 1-chlorooctadecane (SURR)

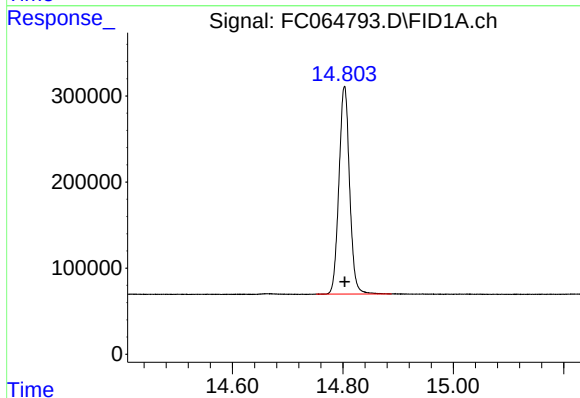
R.T.: 12.954 min
Delta R.T.: 0.000 min
Response: 3038469
Conc: 20.26 ug/ml



#13 n-Docosane (C22)

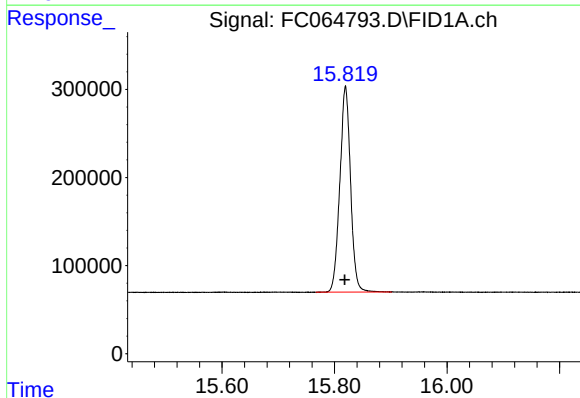
R.T.: 13.704 min
Delta R.T.: 0.001 min
Response: 3361160
Conc: 20.40 ug/ml

Instrument :
FID_C
ClientSampleId :



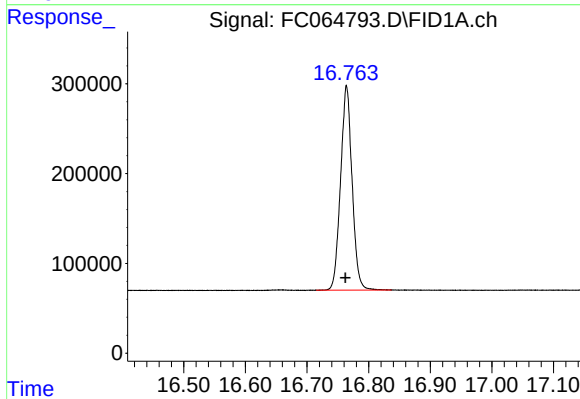
#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: 0.000 min
Response: 3231982
Conc: 20.31 ug/ml



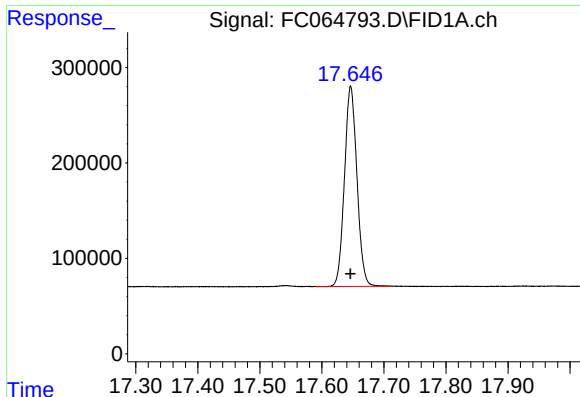
#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: 0.002 min
Response: 3086820
Conc: 20.15 ug/ml



#16 n-Octacosane (C28)

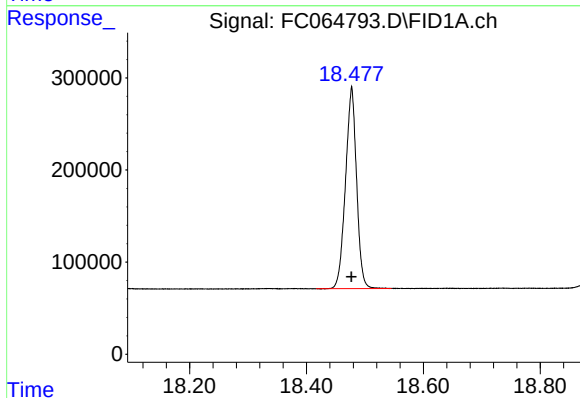
R.T.: 16.764 min
Delta R.T.: 0.002 min
Response: 2956445
Conc: 20.06 ug/ml



#17 n-Tricontane (C30)

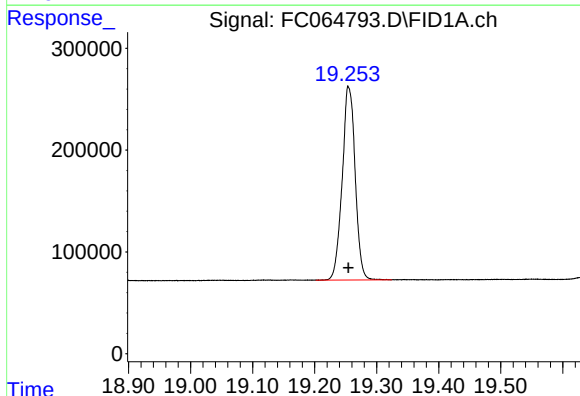
R.T.: 17.646 min
Delta R.T.: 0.000 min
Response: 2934228
Conc: 20.05 ug/ml

Instrument :
FID_C
ClientSampleId :



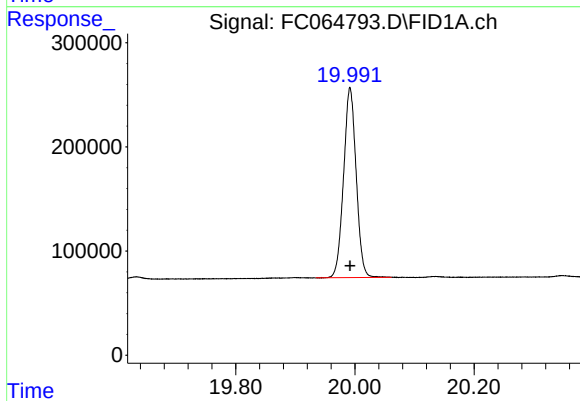
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.000 min
Response: 2878576
Conc: 19.94 ug/ml



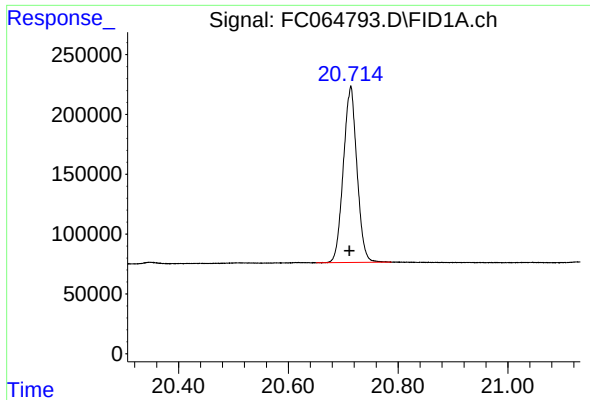
#19 n-Tetratriacontane (C34)

R.T.: 19.255 min
Delta R.T.: 0.000 min
Response: 2764003
Conc: 19.64 ug/ml



#20 n-Hexatriacontane (C36)

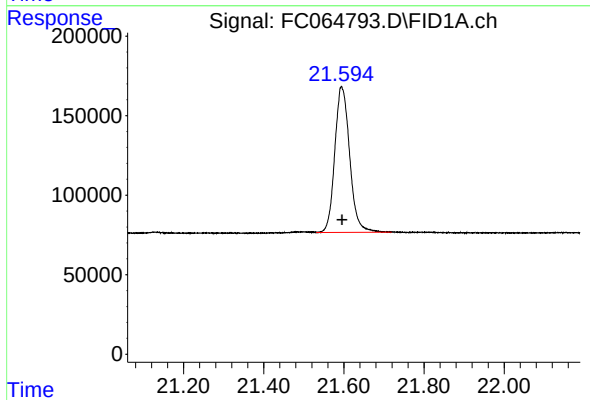
R.T.: 19.992 min
Delta R.T.: 0.000 min
Response: 2672225
Conc: 19.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: 0.003 min
Response: 2530873
Conc: 19.11 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.594 min
Delta R.T.: -0.002 min
Response: 2362372
Conc: 18.88 ug/ml