

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC123124AL\
 Data File : FC068085.D
 Signal(s) : FID1A.ch
 Acq On : 31 Dec 2024 12:13
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 31 13:01:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 12:18:53 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)	11.435	3096242	20.132 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
12) S 1-chlorooctadecane (S...	12.875	2291606	20.189 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
Target Compounds			
1) T n-Nonane (C9)	3.237	2770736	20.200 ug/ml
2) T n-Decane (C10)	4.295	2797397	20.240 ug/ml
3) T A~Naphthalene (C11.7)	5.865	3055082	20.317 ug/ml
4) T n-Dodecane (C12)	6.305	2797231	20.228 ug/ml
5) T A~2-methylnaphthalene...	6.918	2935177	20.336 ug/ml
6) T n-Tetradecane (C14)	8.094	2725109	20.165 ug/ml
7) T n-Hexadecane (C16)	9.690	2769026	20.176 ug/ml
8) T n-Octadecane (C18)	11.129	2772188	20.139 ug/ml
10) T n-Eicosane (C20)	12.434	2642629	20.145 ug/ml
11) T n-Heneicosane (C21)	13.044	2588381	20.137 ug/ml
13) T n-Docosane (C22)	13.629	2560810	20.191 ug/ml
14) T n-Tetracosane (C24)	14.730	2524866	20.225 ug/ml
15) T n-Hexacosane (C26)	15.748	2469194	20.265 ug/ml
16) T n-Octacosane (C28)	16.695	2407802	20.263 ug/ml
17) T n-Tricontane (C30)	17.581	2409391	20.188 ug/ml
18) T n-Dotriacontane (C32)	18.412	2285661	20.089 ug/ml
19) T n-Tetratriacontane (C34)	19.195	2003623	20.128 ug/ml
20) T n-Hexatriacontane (C36)	19.933	1743461	20.061 ug/ml
21) T n-Octatriacontane (C38)	20.648	1644615	19.906 ug/ml
22) T n-Tetracontane (C40)	21.510	1610007	20.013 ug/ml

(f)=RT Delta > 1/2 Window

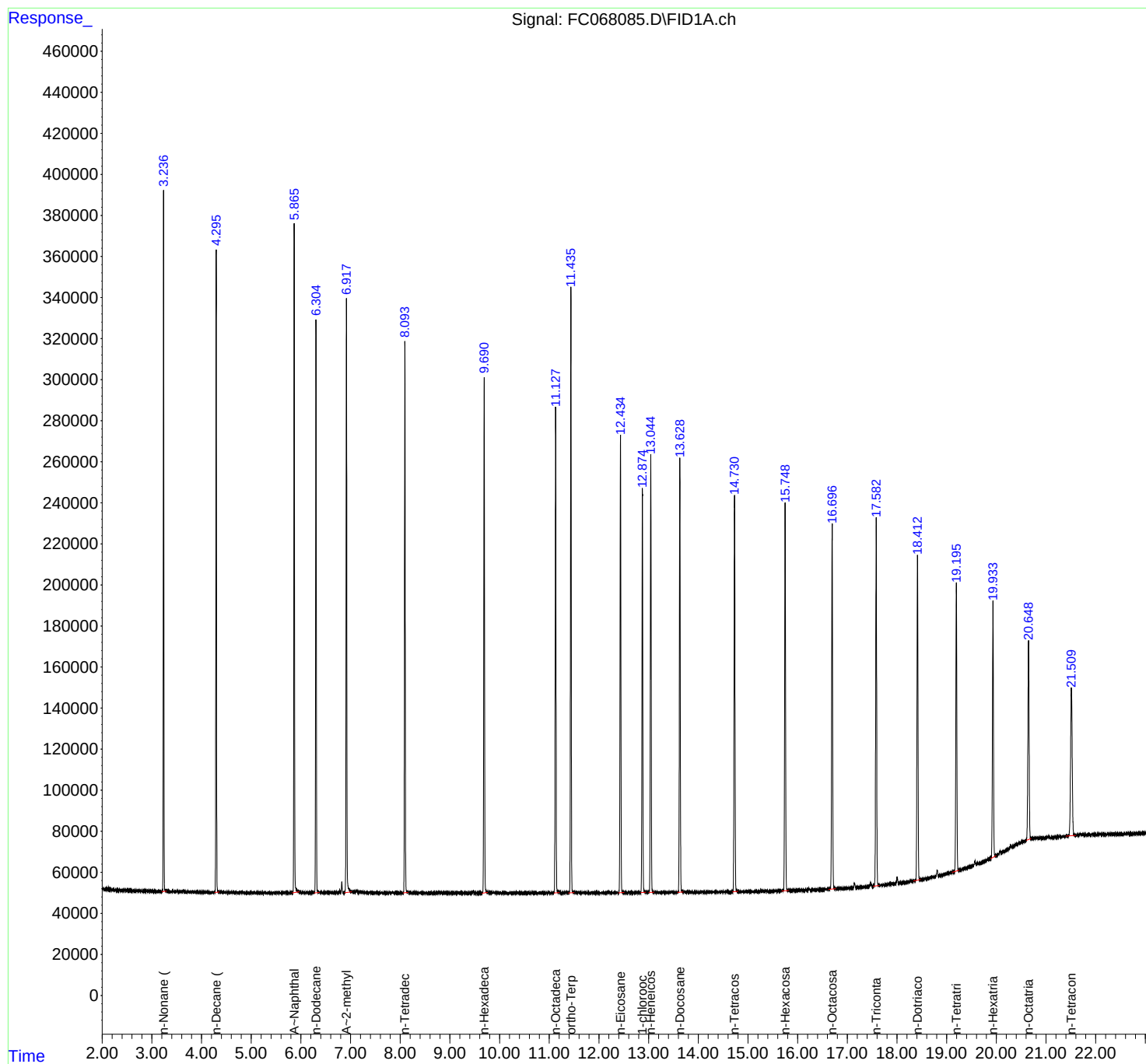
(m)=manual int.

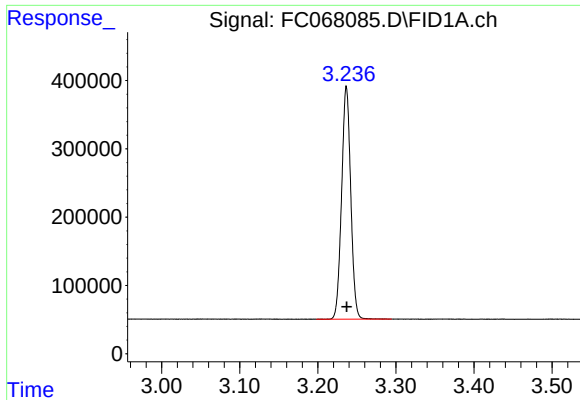
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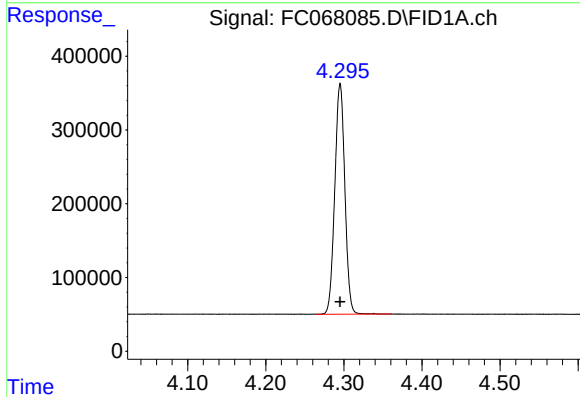




#1 n-Nonane (C9)

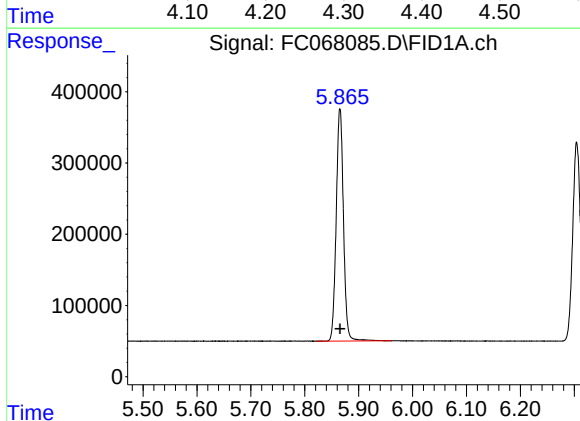
R.T.: 3.237 min
Delta R.T.: 0.000 min
Response: 2770736
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :



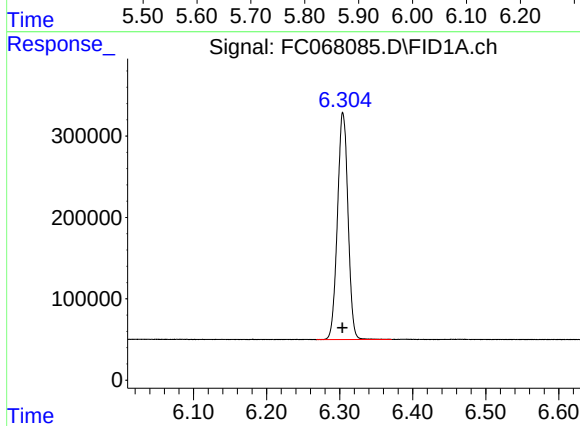
#2 n-Decane (C10)

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 2797397
Conc: 20.24 ug/ml



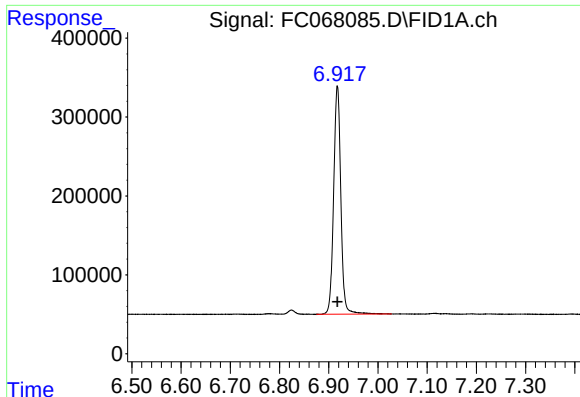
#3 A~Naphthalene (C11.7)

R.T.: 5.865 min
Delta R.T.: 0.000 min
Response: 3055082
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

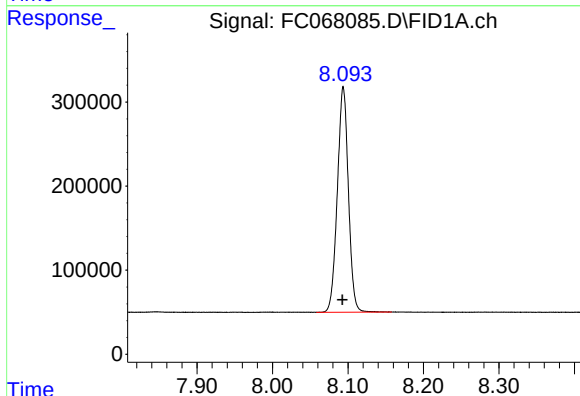
R.T.: 6.305 min
Delta R.T.: 0.001 min
Response: 2797231
Conc: 20.23 ug/ml



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

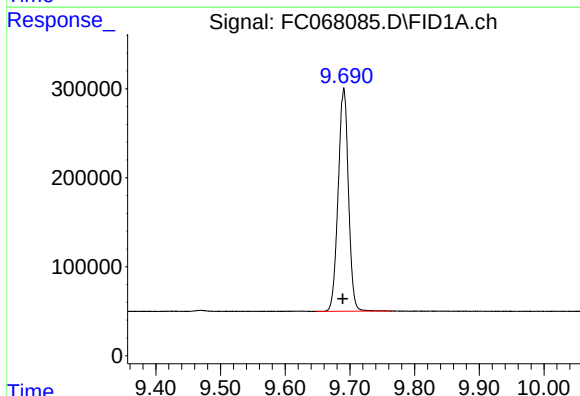
R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 2935177
Conc: 20.34 ug/ml

Instrument :
FID_C
ClientSampleId :



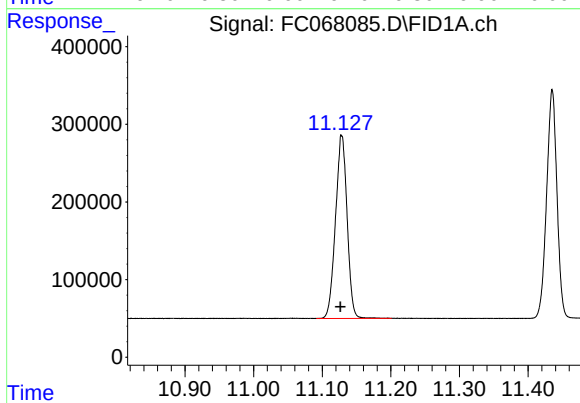
#6 n-Tetradecane (C14)

R.T.: 8.094 min
Delta R.T.: 0.001 min
Response: 2725109
Conc: 20.16 ug/ml



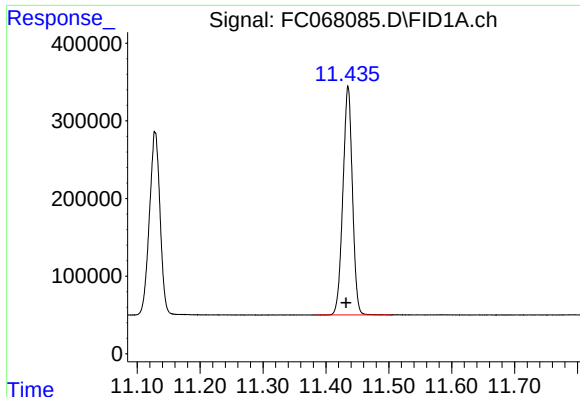
#7 n-Hexadecane (C16)

R.T.: 9.690 min
Delta R.T.: 0.002 min
Response: 2769026
Conc: 20.18 ug/ml



#8 n-Octadecane (C18)

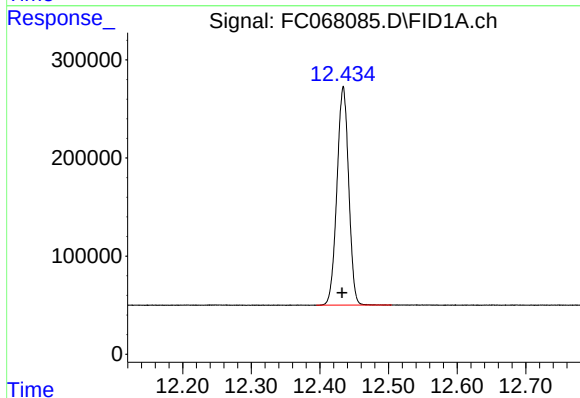
R.T.: 11.129 min
Delta R.T.: 0.002 min
Response: 2772188
Conc: 20.14 ug/ml



#9 ortho-Terphenyl (SURR)

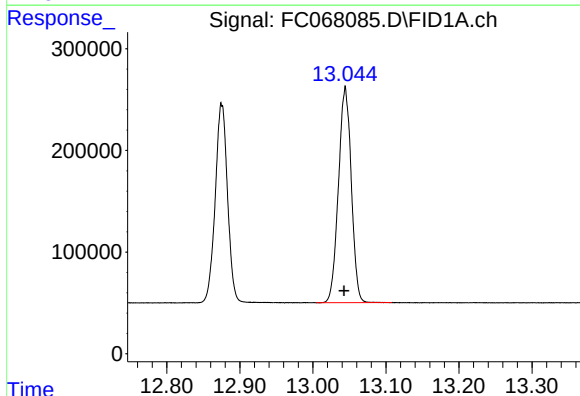
R.T.: 11.435 min
Delta R.T.: 0.003 min
Response: 3096242
Conc: 20.13 ug/ml

Instrument :
FID_C
ClientSampleId :



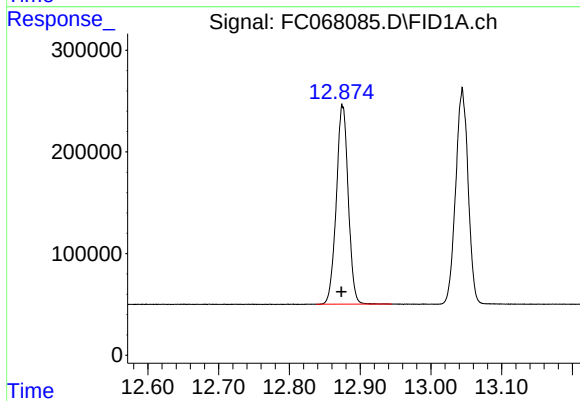
#10 n-Eicosane (C20)

R.T.: 12.434 min
Delta R.T.: 0.002 min
Response: 2642629
Conc: 20.14 ug/ml



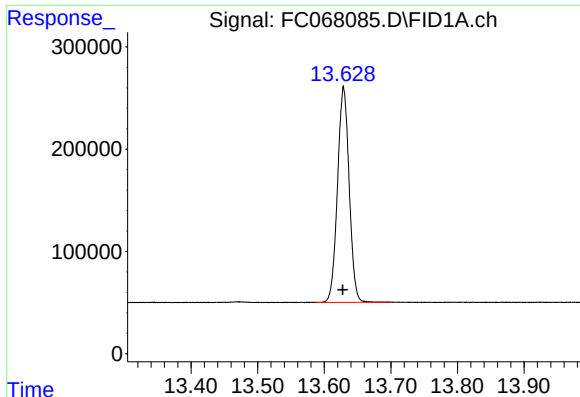
#11 n-Heneicosane (C21)

R.T.: 13.044 min
Delta R.T.: 0.002 min
Response: 2588381
Conc: 20.14 ug/ml



#12 1-chlorooctadecane (SURR)

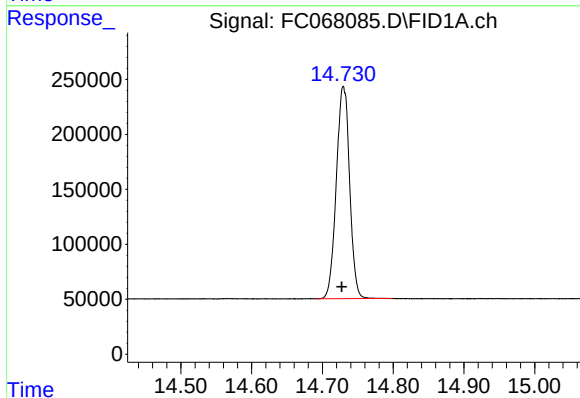
R.T.: 12.875 min
Delta R.T.: 0.002 min
Response: 2291606
Conc: 20.19 ug/ml



#13 n-Docosane (C22)

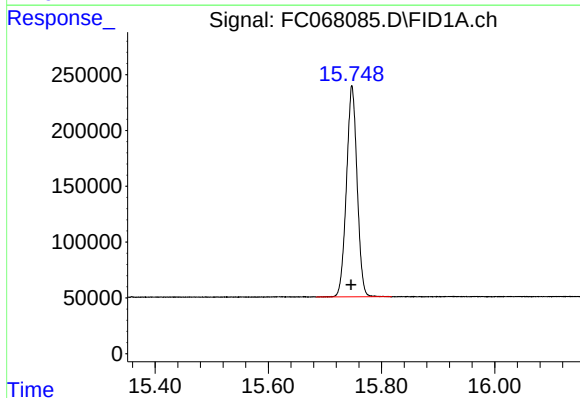
R.T.: 13.629 min
Delta R.T.: 0.001 min
Response: 2560810
Conc: 20.19 ug/ml

Instrument :
FID_C
ClientSampleId :



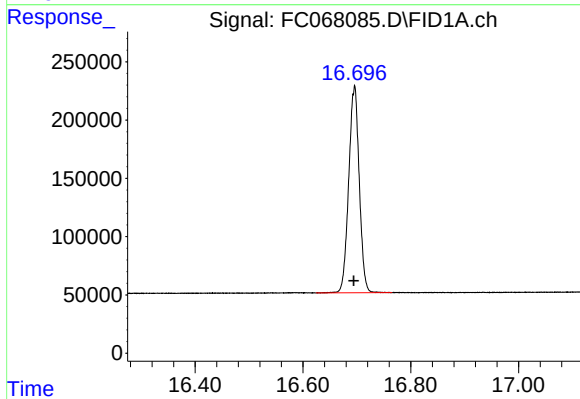
#14 n-Tetracosane (C24)

R.T.: 14.730 min
Delta R.T.: 0.002 min
Response: 2524866
Conc: 20.22 ug/ml



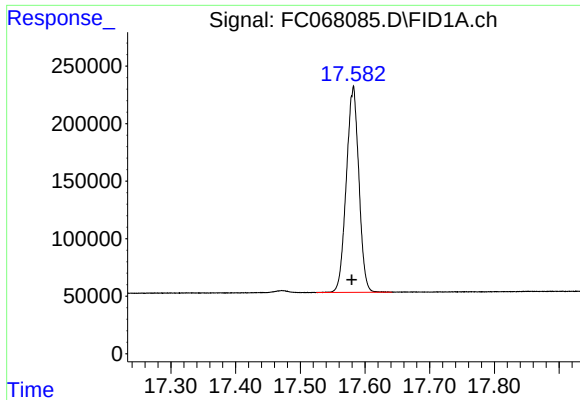
#15 n-Hexacosane (C26)

R.T.: 15.748 min
Delta R.T.: 0.002 min
Response: 2469194
Conc: 20.27 ug/ml



#16 n-Octacosane (C28)

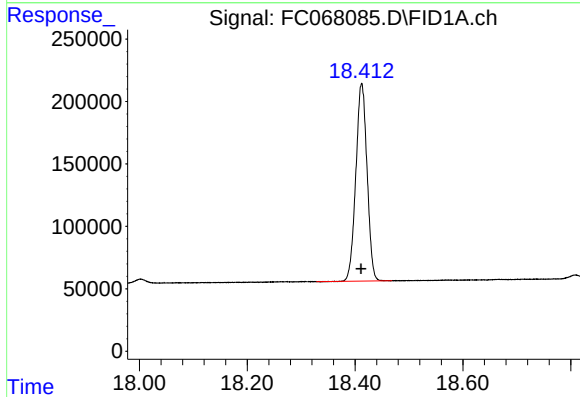
R.T.: 16.695 min
Delta R.T.: 0.001 min
Response: 2407802
Conc: 20.26 ug/ml



#17 n-Tricontane (C30)

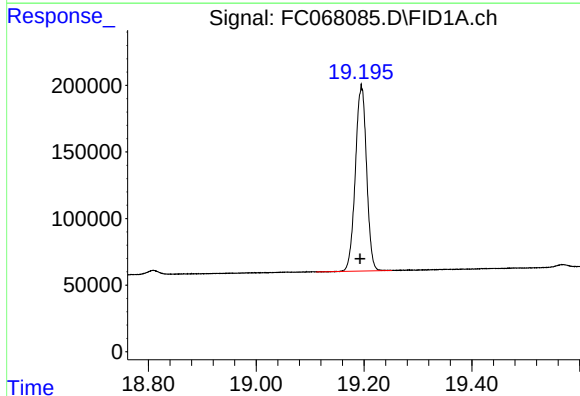
R.T.: 17.581 min
Delta R.T.: 0.002 min
Response: 2409391
Conc: 20.19 ug/ml

Instrument :
FID_C
ClientSampleId :



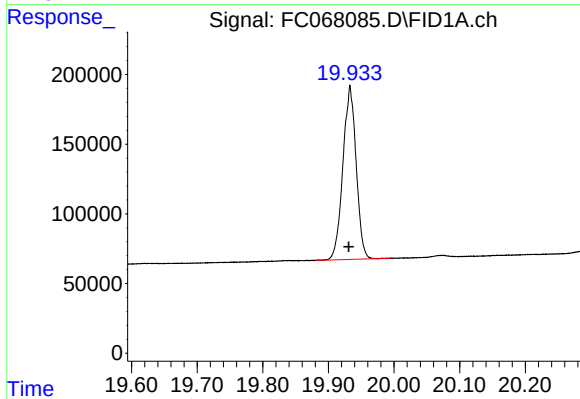
#18 n-Dotriacontane (C32)

R.T.: 18.412 min
Delta R.T.: 0.001 min
Response: 2285661
Conc: 20.09 ug/ml



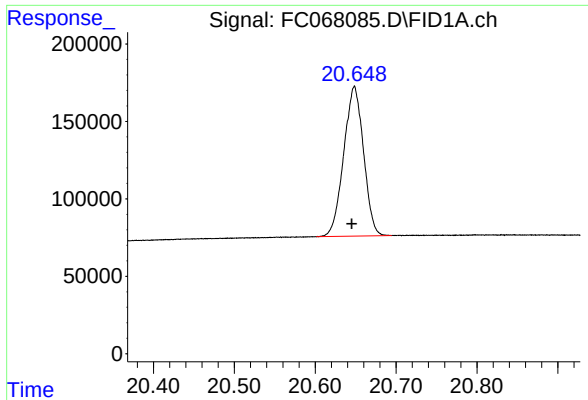
#19 n-Tetratriacontane (C34)

R.T.: 19.195 min
Delta R.T.: 0.002 min
Response: 2003623
Conc: 20.13 ug/ml



#20 n-Hexatriacontane (C36)

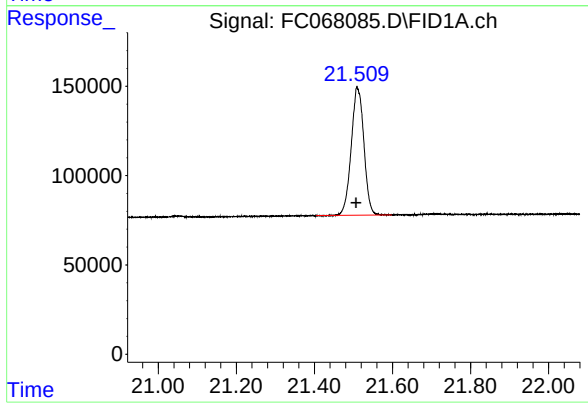
R.T.: 19.933 min
Delta R.T.: 0.002 min
Response: 1743461
Conc: 20.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.648 min
Delta R.T.: 0.003 min
Response: 1644615
Conc: 19.91 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.510 min
Delta R.T.: 0.003 min
Response: 1610007
Conc: 20.01 ug/ml