

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
 Data File : FC068295.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 11:30
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 05 04:25:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 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)	11.399	2725078	17.759 ug/ml
Spiked Amount 50.000		Recovery =	35.52%
12) S 1-chlorooctadecane (S...	12.840	2007172	17.846 ug/ml
Spiked Amount 50.000		Recovery =	35.69%
Target Compounds			
1) T n-Nonane (C9)	3.205	2465242	17.524 ug/ml
2) T n-Decane (C10)	4.262	2552971	18.020 ug/ml
3) T A~Naphthalene (C11.7)	5.829	2756259	18.011 ug/ml
4) T n-Dodecane (C12)	6.271	2521932	17.917 ug/ml
5) T A~2-methylnaphthalene...	6.882	2607906	18.007 ug/ml
6) T n-Tetradecane (C14)	8.060	2433251	17.846 ug/ml
7) T n-Hexadecane (C16)	9.656	2457265	17.941 ug/ml
8) T n-Octadecane (C18)	11.093	2472412	18.079 ug/ml
10) T n-Eicosane (C20)	12.400	2369822	18.189 ug/ml
11) T n-Heneicosane (C21)	13.010	2315453	18.111 ug/ml
13) T n-Docosane (C22)	13.595	2322001	18.424 ug/ml
14) T n-Tetracosane (C24)	14.696	2358419	18.962 ug/ml
15) T n-Hexacosane (C26)	15.715	2343431	19.273 ug/ml
16) T n-Octacosane (C28)	16.664	2390440	20.127 ug/ml
17) T n-Tricontane (C30)	17.551	2580814	21.441 ug/ml
18) T n-Dotriacontane (C32)	18.382	2572380	22.163 ug/ml
19) T n-Tetratriacontane (C34)	19.165	2282153	21.120 ug/ml
20) T n-Hexatriacontane (C36)	19.904	1885963	19.611 ug/ml
21) T n-Octatriacontane (C38)	20.616	1701733	18.930 ug/ml
22) T n-Tetracontane (C40)	21.471	1576791	18.224 ug/ml

(f)=RT Delta > 1/2 Window

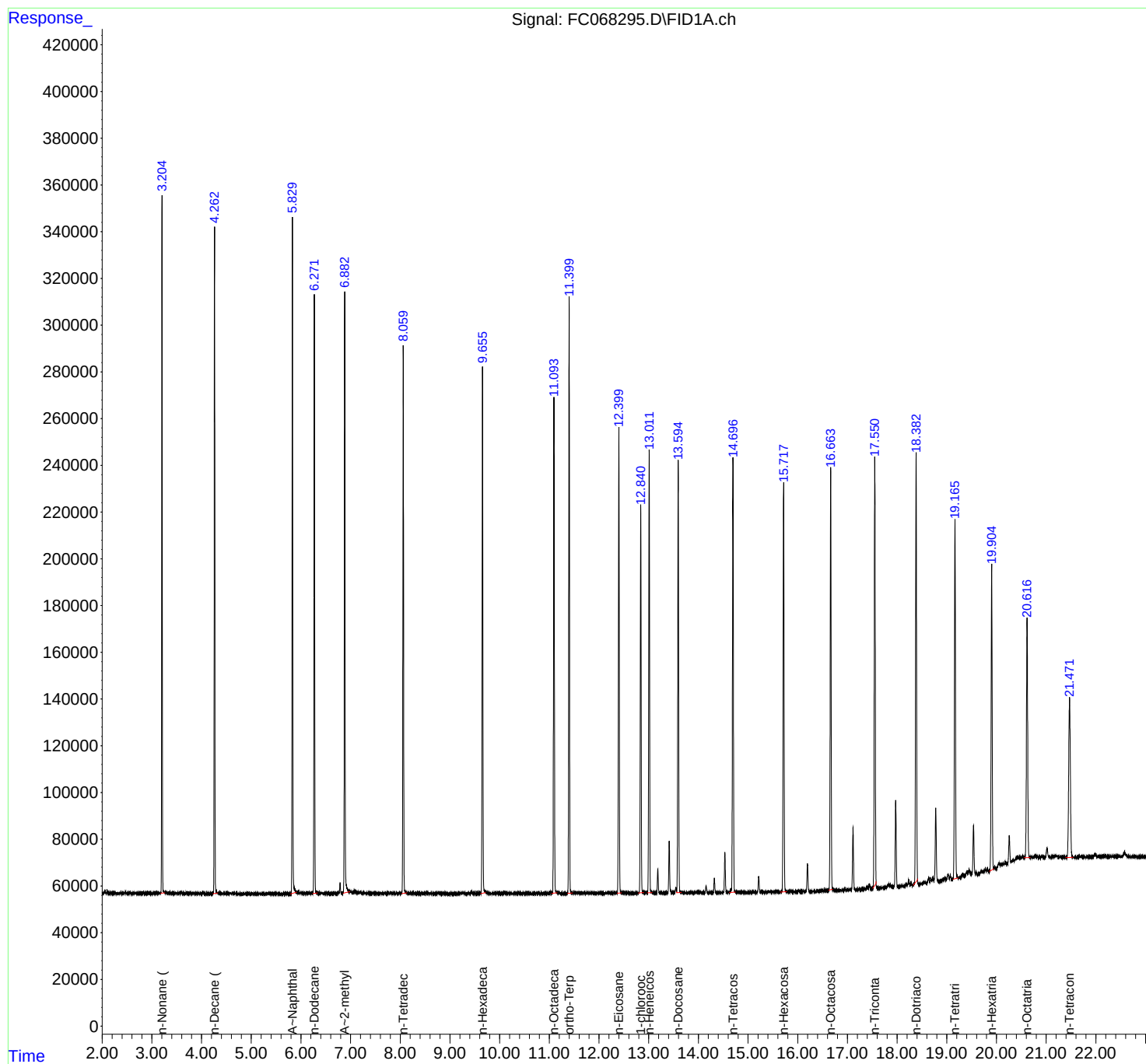
(m)=manual int.

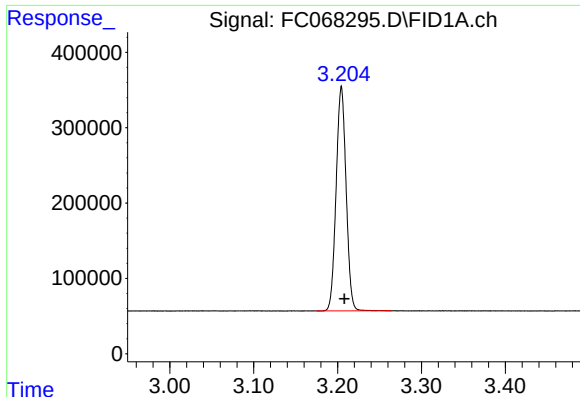
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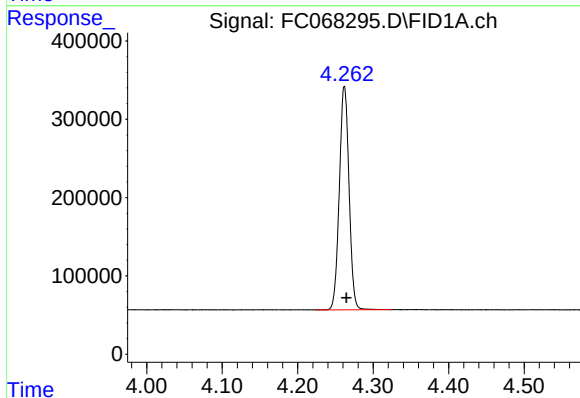




#1 n-Nonane (C9)

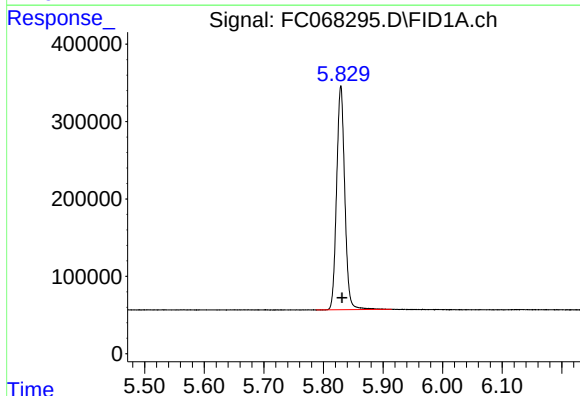
R.T.: 3.205 min
Delta R.T.: -0.003 min
Response: 2465242
Conc: 17.52 ug/ml

Instrument :
FID_C
ClientSampleId :



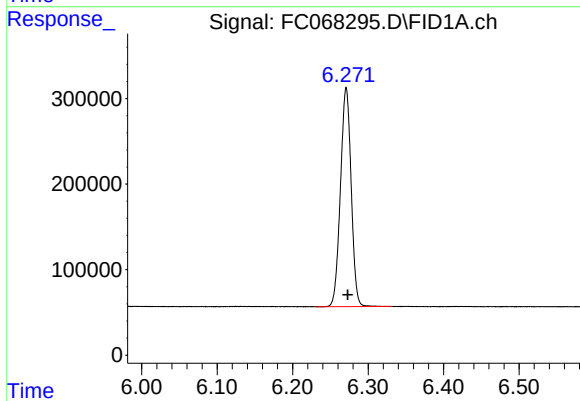
#2 n-Decane (C10)

R.T.: 4.262 min
Delta R.T.: -0.003 min
Response: 2552971
Conc: 18.02 ug/ml



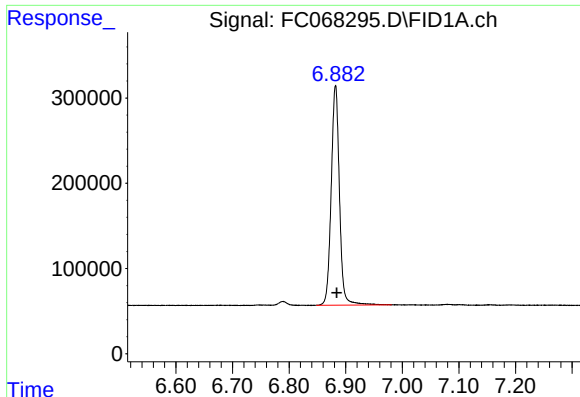
#3 A~Naphthalene (C11.7)

R.T.: 5.829 min
Delta R.T.: -0.002 min
Response: 2756259
Conc: 18.01 ug/ml



#4 n-Dodecane (C12)

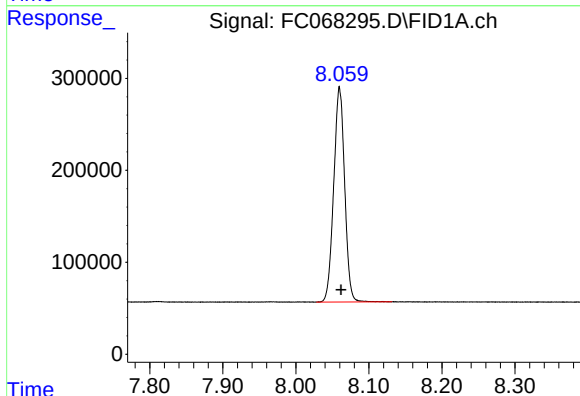
R.T.: 6.271 min
Delta R.T.: -0.002 min
Response: 2521932
Conc: 17.92 ug/ml



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

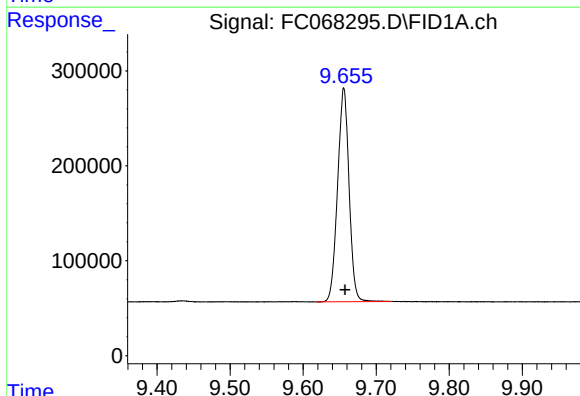
R.T.: 6.882 min
Delta R.T.: -0.002 min
Response: 2607906
Conc: 18.01 ug/ml

Instrument :
FID_C
ClientSampleId :



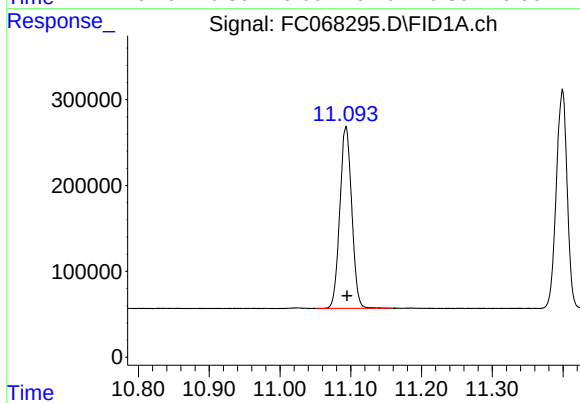
#6 n-Tetradecane (C14)

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 2433251
Conc: 17.85 ug/ml



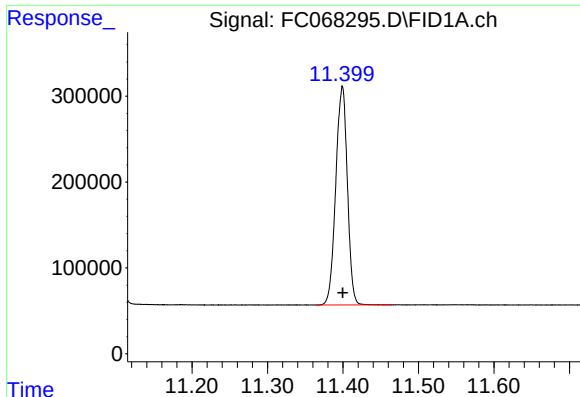
#7 n-Hexadecane (C16)

R.T.: 9.656 min
Delta R.T.: -0.002 min
Response: 2457265
Conc: 17.94 ug/ml



#8 n-Octadecane (C18)

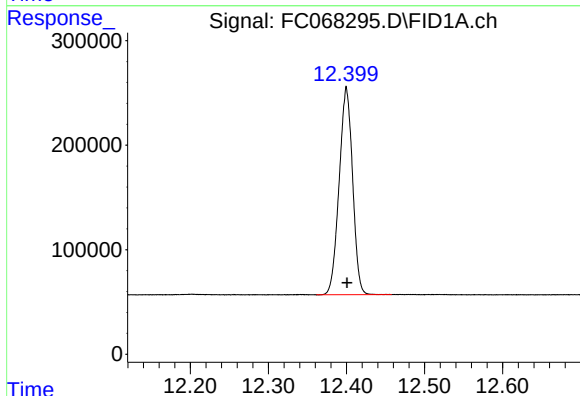
R.T.: 11.093 min
Delta R.T.: -0.001 min
Response: 2472412
Conc: 18.08 ug/ml



#9 ortho-Terphenyl (SURR)

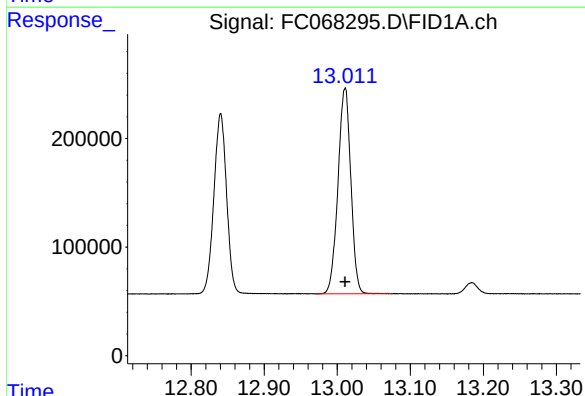
R.T.: 11.399 min
Delta R.T.: 0.000 min
Response: 2725078
Conc: 17.76 ug/ml

Instrument :
FID_C
ClientSampleId :



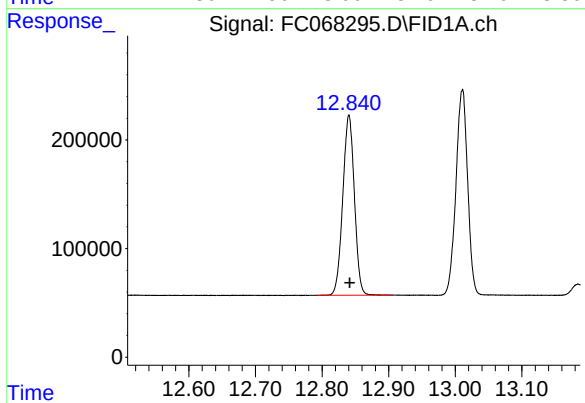
#10 n-Eicosane (C20)

R.T.: 12.400 min
Delta R.T.: 0.000 min
Response: 2369822
Conc: 18.19 ug/ml



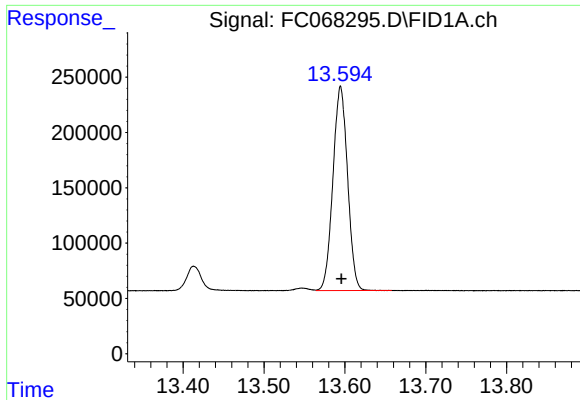
#11 n-Heneicosane (C21)

R.T.: 13.010 min
Delta R.T.: 0.000 min
Response: 2315453
Conc: 18.11 ug/ml



#12 1-chlorooctadecane (SURR)

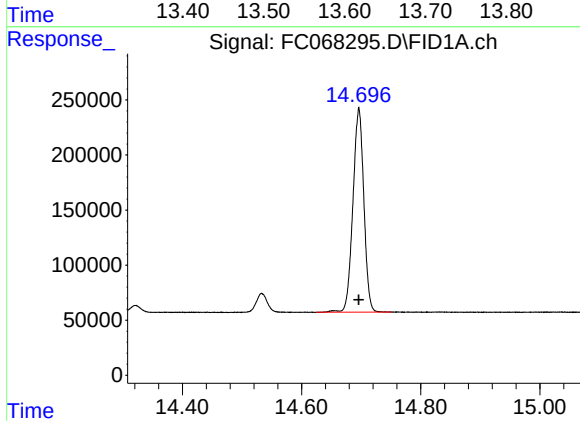
R.T.: 12.840 min
Delta R.T.: -0.001 min
Response: 2007172
Conc: 17.85 ug/ml



#13 n-Docosane (C22)

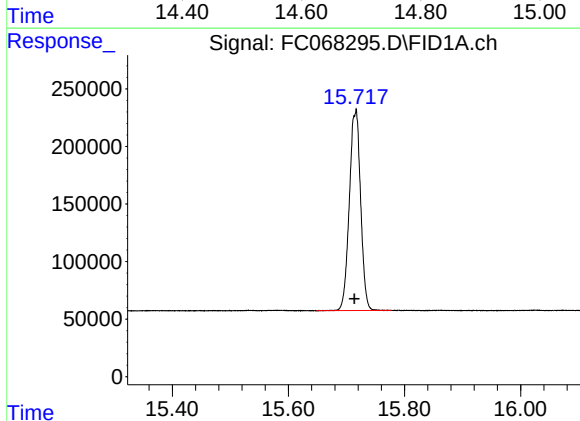
R.T.: 13.595 min
Delta R.T.: -0.001 min
Response: 2322001
Conc: 18.42 ug/ml

Instrument :
FID_C
ClientSampleId :



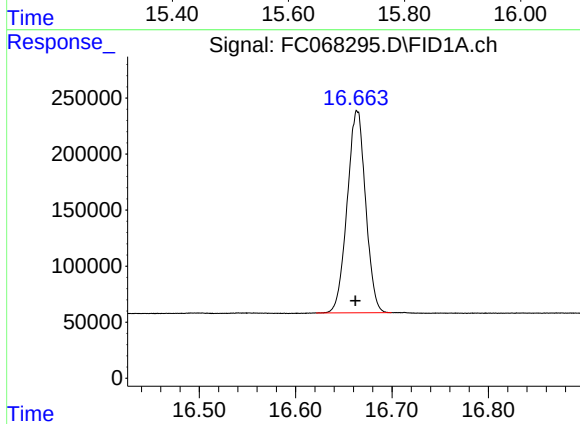
#14 n-Tetracosane (C24)

R.T.: 14.696 min
Delta R.T.: 0.000 min
Response: 2358419
Conc: 18.96 ug/ml



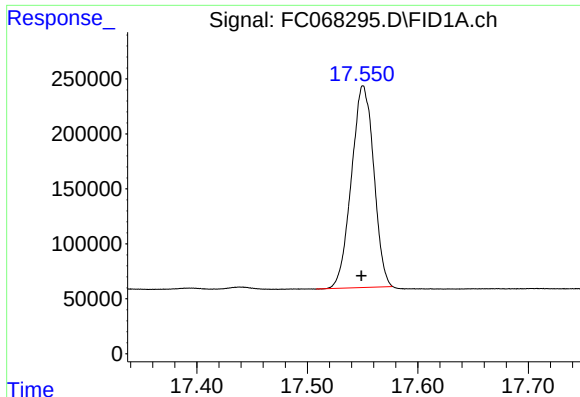
#15 n-Hexacosane (C26)

R.T.: 15.715 min
Delta R.T.: 0.001 min
Response: 2343431
Conc: 19.27 ug/ml



#16 n-Octacosane (C28)

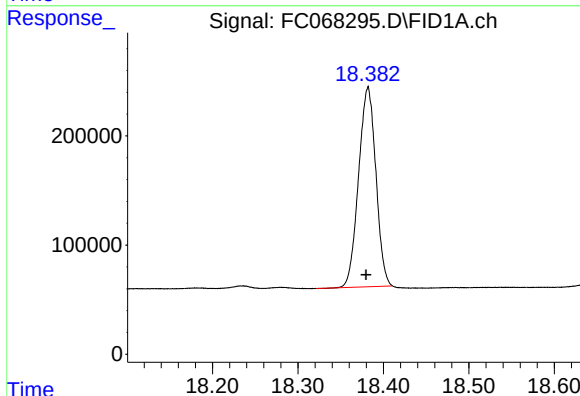
R.T.: 16.664 min
Delta R.T.: 0.002 min
Response: 2390440
Conc: 20.13 ug/ml



#17 n-Tricontane (C30)

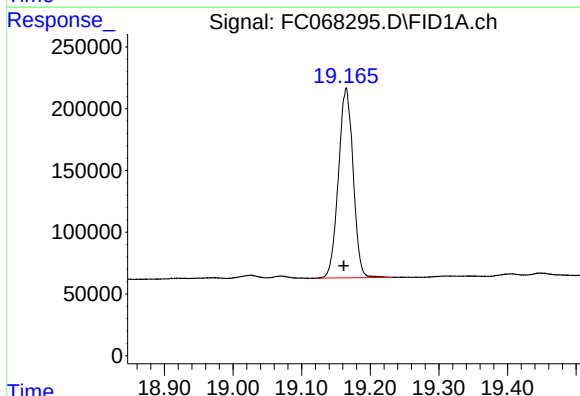
R.T.: 17.551 min
Delta R.T.: 0.002 min
Response: 2580814
Conc: 21.44 ug/ml

Instrument :
FID_C
ClientSampleId :



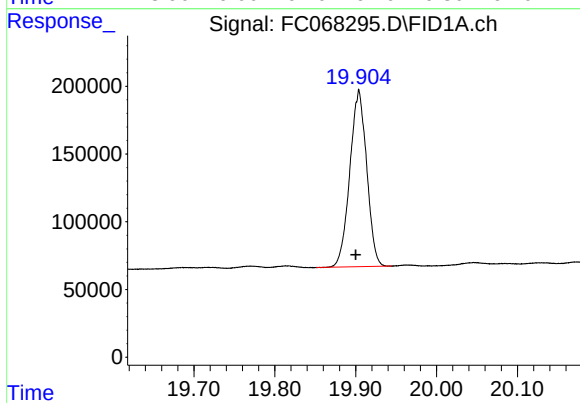
#18 n-Dotriacontane (C32)

R.T.: 18.382 min
Delta R.T.: 0.002 min
Response: 2572380
Conc: 22.16 ug/ml



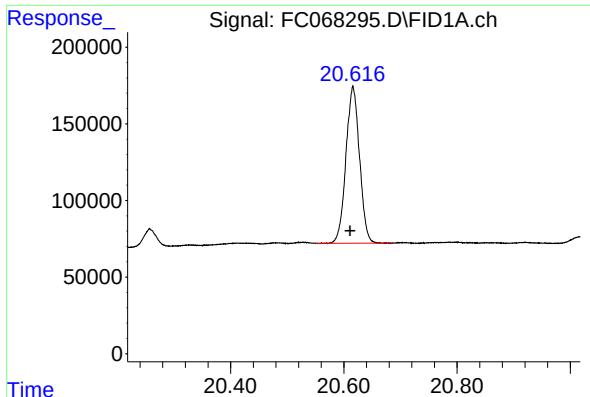
#19 n-Tetratriacontane (C34)

R.T.: 19.165 min
Delta R.T.: 0.003 min
Response: 2282153
Conc: 21.12 ug/ml



#20 n-Hexatriacontane (C36)

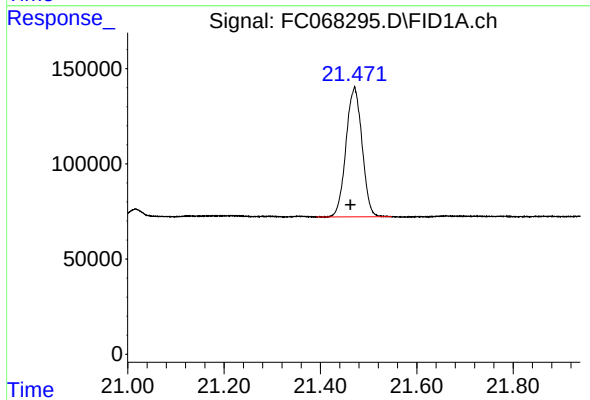
R.T.: 19.904 min
Delta R.T.: 0.004 min
Response: 1885963
Conc: 19.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.616 min
Delta R.T.: 0.005 min
Response: 1701733
Conc: 18.93 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.471 min
Delta R.T.: 0.008 min
Response: 1576791
Conc: 18.22 ug/ml