

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120224AL\
 Data File : FC067884.D
 Signal(s) : FID1A.ch
 Acq On : 02 Dec 2024 12:35
 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: Dec 02 23:52:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 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)	11.501	3576808	18.449 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
12) S 1-chlorooctadecane (S...	12.938	2664747	18.357 ug/ml
Spiked Amount 50.000		Recovery =	36.71%
Target Compounds			
1) T n-Nonane (C9)	3.291	3061990	18.772 ug/ml
2) T n-Decane (C10)	4.353	3180507	19.179 ug/ml
3) T A~Naphthalene (C11.7)	5.928	3495402	19.084 ug/ml
4) T n-Dodecane (C12)	6.365	3247574	19.282 ug/ml
5) T A~2-methylnaphthalene...	6.982	3397681	19.158 ug/ml
6) T n-Tetradecane (C14)	8.155	3233212	19.306 ug/ml
7) T n-Hexadecane (C16)	9.752	3322849	19.174 ug/ml
8) T n-Octadecane (C18)	11.190	3360625	19.101 ug/ml
10) T n-Eicosane (C20)	12.496	3223510	19.144 ug/ml
11) T n-Heneicosane (C21)	13.107	3076035	18.695 ug/ml
13) T n-Docosane (C22)	13.692	3183745	19.550 ug/ml
14) T n-Tetracosane (C24)	14.792	3365127	20.982 ug/ml
15) T n-Hexacosane (C26)	15.810	3436575	22.191 ug/ml
16) T n-Octacosane (C28)	16.758	3482286	23.058 ug/ml
17) T n-Tricontane (C30)	17.645	3488466	22.784 ug/ml
18) T n-Dotriacontane (C32)	18.473	3264299	22.102 ug/ml
19) T n-Tetratriacontane (C34)	19.256	2717852	21.548 ug/ml
20) T n-Hexatriacontane (C36)	19.994	2138411	20.446 ug/ml
21) T n-Octatriacontane (C38)	20.716	1908419	19.537 ug/ml
22) T n-Tetracontane (C40)	21.601	1797236	18.439 ug/ml

(f)=RT Delta > 1/2 Window

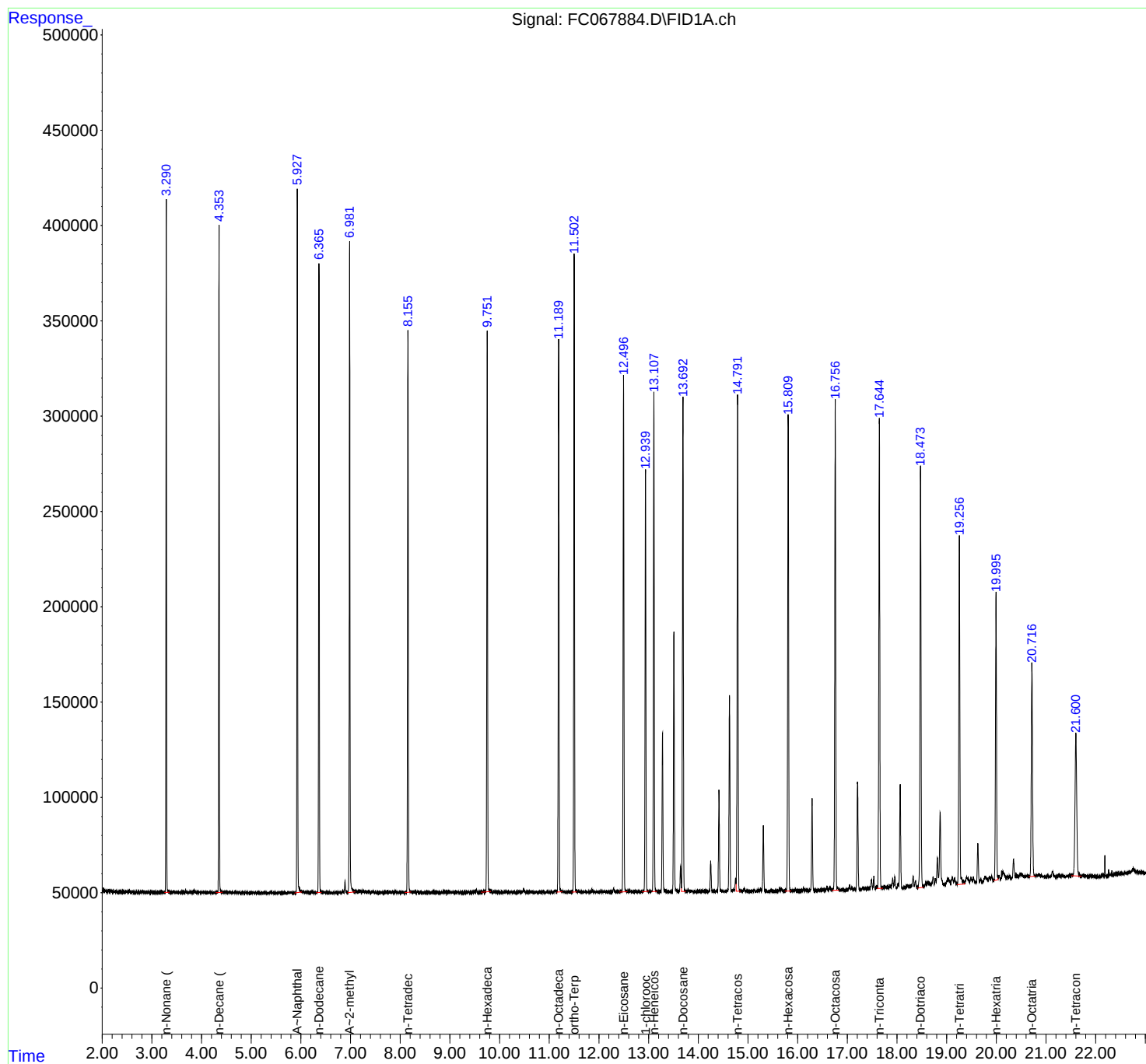
(m)=manual int.

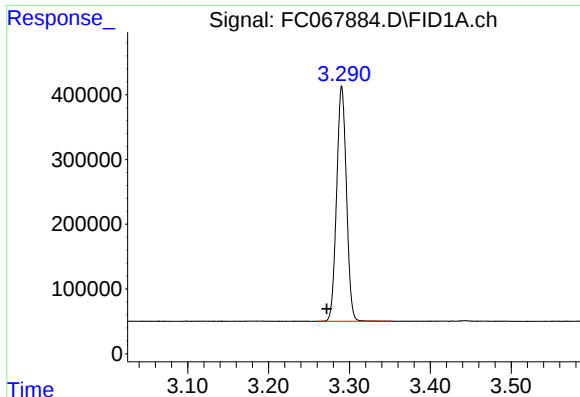
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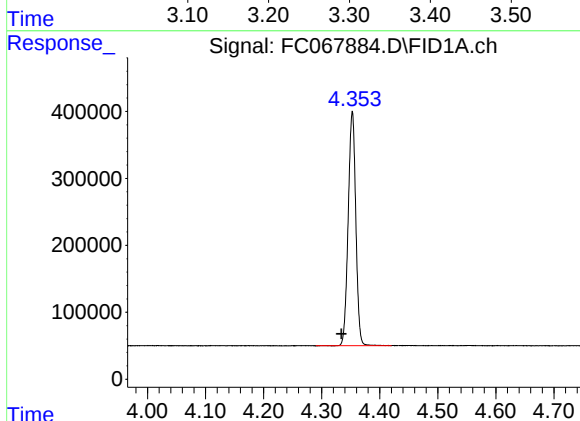




#1 n-Nonane (C9)

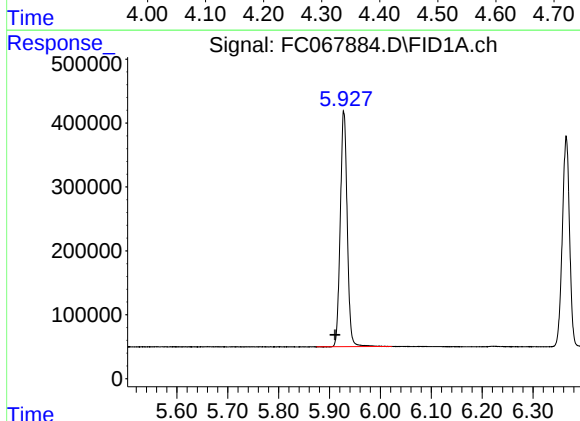
R.T.: 3.291 min
Delta R.T.: 0.019 min
Response: 3061990
Conc: 18.77 ug/ml

Instrument :
FID_C
ClientSampleId :



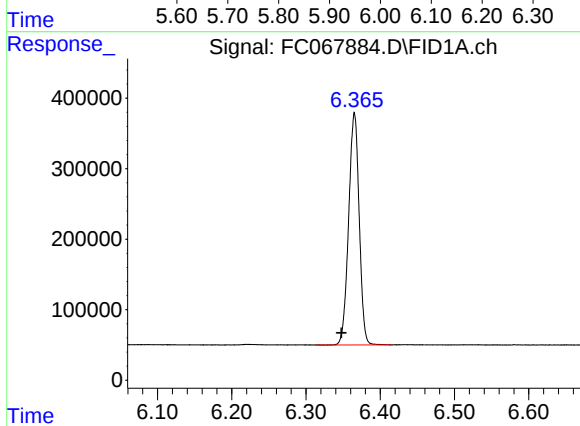
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: 0.019 min
Response: 3180507
Conc: 19.18 ug/ml



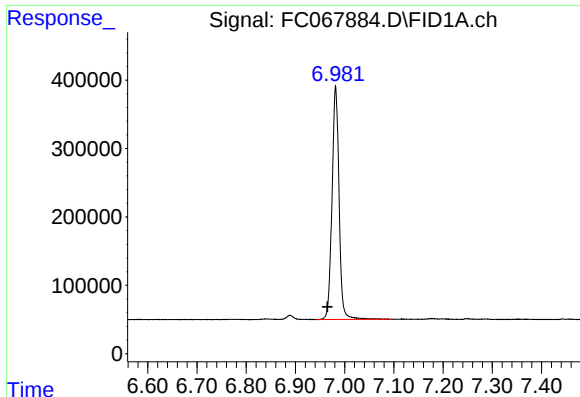
#3 A~Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: 0.017 min
Response: 3495402
Conc: 19.08 ug/ml



#4 n-Dodecane (C12)

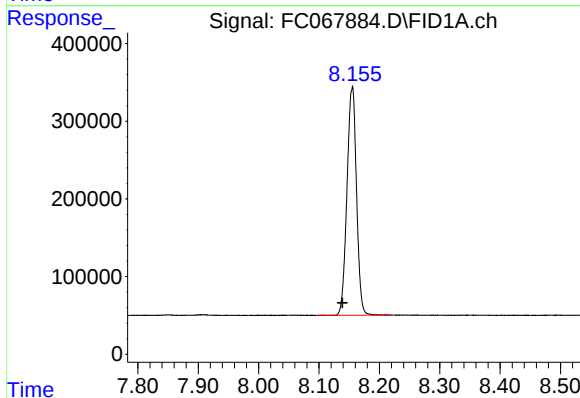
R.T.: 6.365 min
Delta R.T.: 0.018 min
Response: 3247574
Conc: 19.28 ug/ml



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

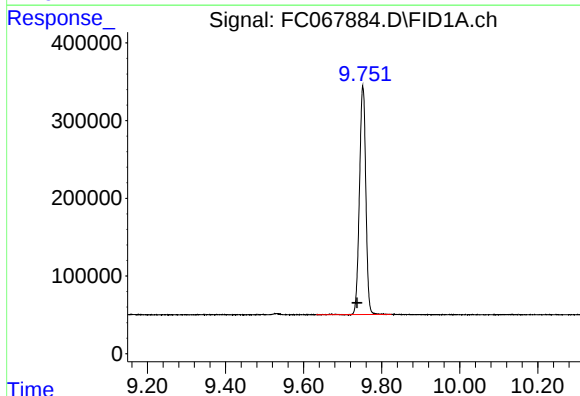
R.T.: 6.982 min
Delta R.T.: 0.017 min
Response: 3397681
Conc: 19.16 ug/ml

Instrument :
FID_C
ClientSampleId :



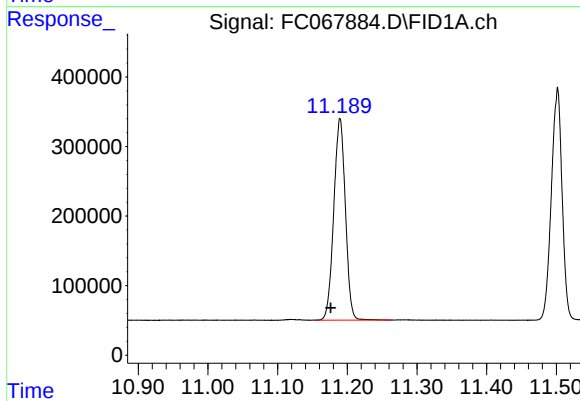
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.016 min
Response: 3233212
Conc: 19.31 ug/ml



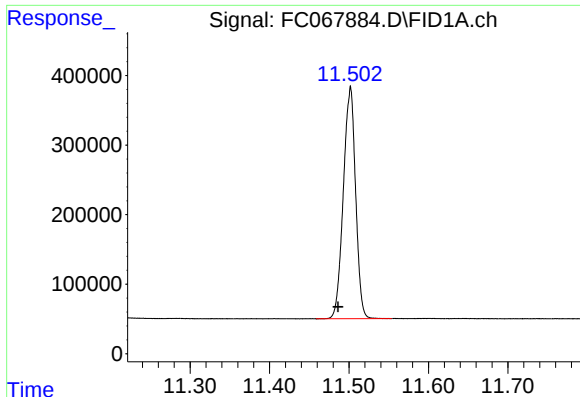
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.015 min
Response: 3322849
Conc: 19.17 ug/ml



#8 n-Octadecane (C18)

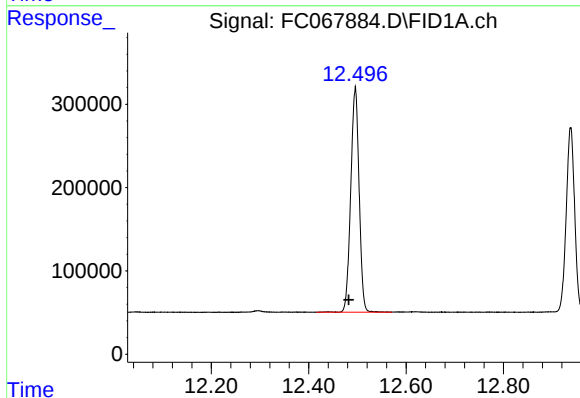
R.T.: 11.190 min
Delta R.T.: 0.013 min
Response: 3360625
Conc: 19.10 ug/ml



#9 ortho-Terphenyl (SURR)

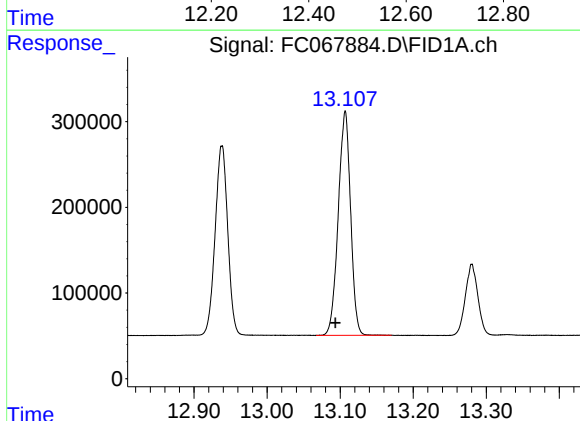
R.T.: 11.501 min
Delta R.T.: 0.015 min
Response: 3576808
Conc: 18.45 ug/ml

Instrument :
FID_C
ClientSampleId :



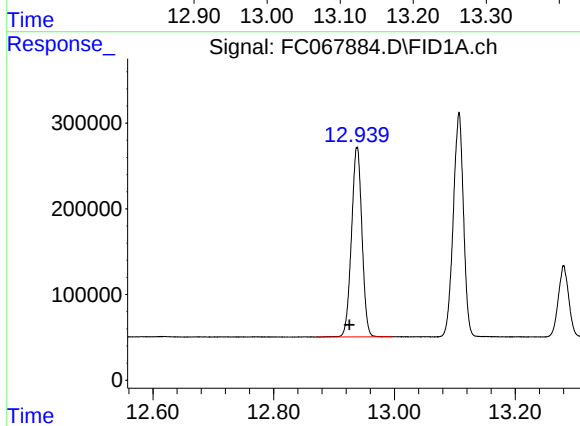
#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: 0.013 min
Response: 3223510
Conc: 19.14 ug/ml



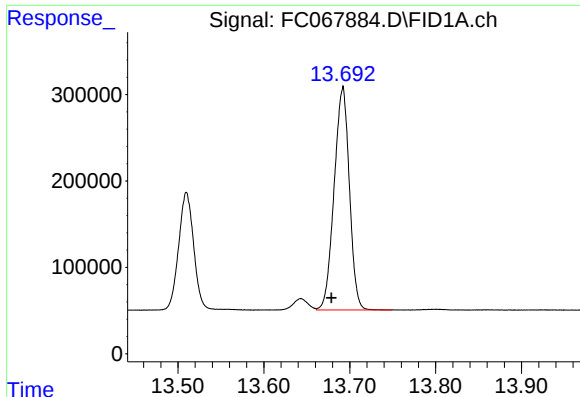
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: 0.013 min
Response: 3076035
Conc: 18.69 ug/ml



#12 1-chlorooctadecane (SURR)

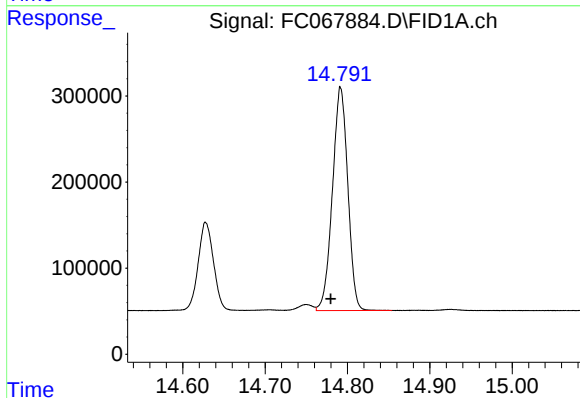
R.T.: 12.938 min
Delta R.T.: 0.012 min
Response: 2664747
Conc: 18.36 ug/ml



#13 n-Docosane (C22)

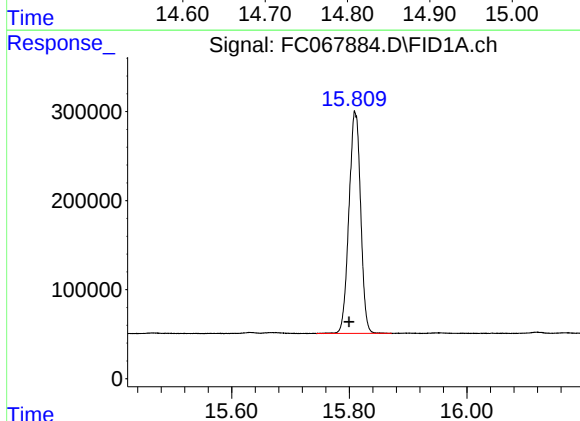
R.T.: 13.692 min
Delta R.T.: 0.013 min
Response: 3183745
Conc: 19.55 ug/ml

Instrument :
FID_C
ClientSampleId :



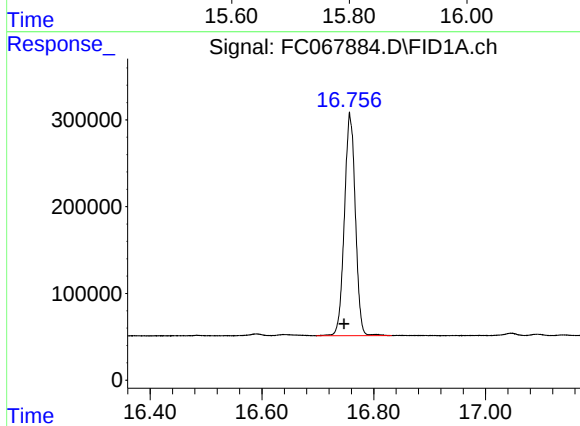
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: 0.012 min
Response: 3365127
Conc: 20.98 ug/ml



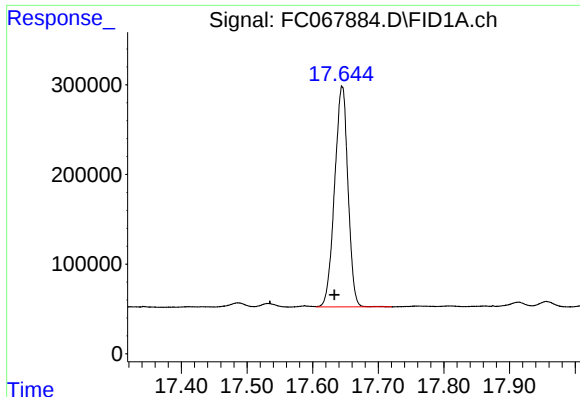
#15 n-Hexacosane (C26)

R.T.: 15.810 min
Delta R.T.: 0.011 min
Response: 3436575
Conc: 22.19 ug/ml



#16 n-Octacosane (C28)

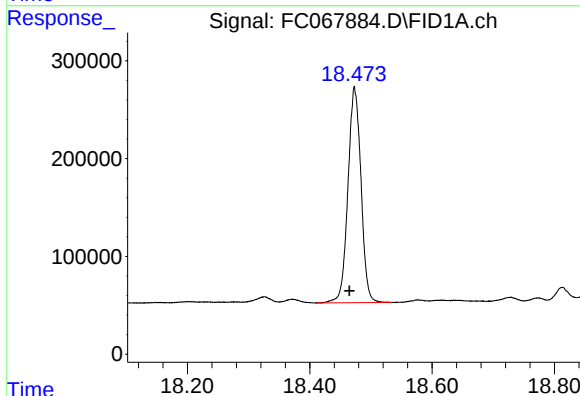
R.T.: 16.758 min
Delta R.T.: 0.011 min
Response: 3482286
Conc: 23.06 ug/ml



#17 n-Tricontane (C30)

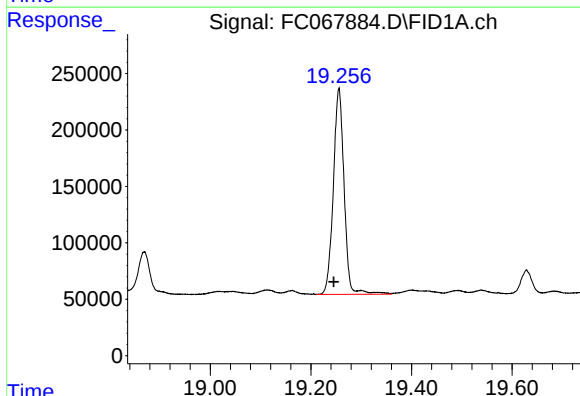
R.T.: 17.645 min
Delta R.T.: 0.012 min
Response: 3488466
Conc: 22.78 ug/ml

Instrument :
FID_C
ClientSampleId :



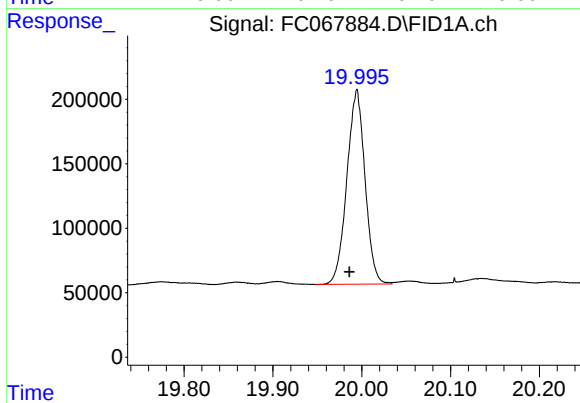
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: 0.008 min
Response: 3264299
Conc: 22.10 ug/ml



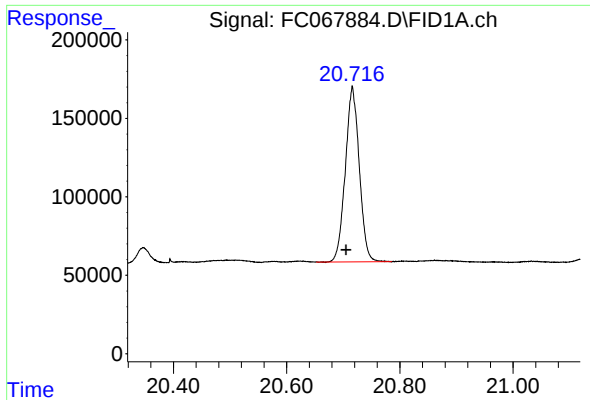
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.010 min
Response: 2717852
Conc: 21.55 ug/ml



#20 n-Hexatriacontane (C36)

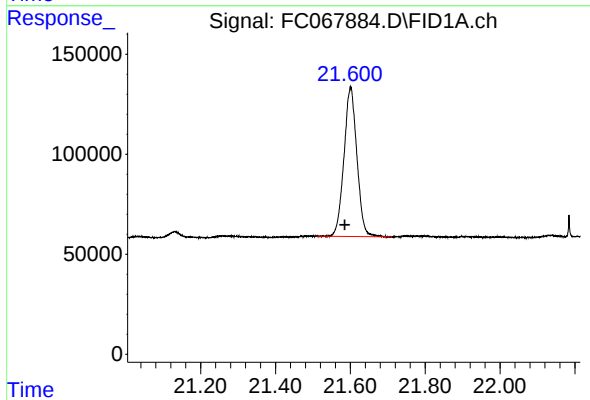
R.T.: 19.994 min
Delta R.T.: 0.008 min
Response: 2138411
Conc: 20.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.716 min
Delta R.T.: 0.011 min
Response: 1908419
Conc: 19.54 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.601 min
Delta R.T.: 0.015 min
Response: 1797236
Conc: 18.44 ug/ml