

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091124AL\
 Data File : FC067109.D
 Signal(s) : FID1A.ch
 Acq On : 11 Sep 2024 02:56
 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 11 04:21:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.506	2732171	19.621 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
12) S 1-chlorooctadecane (S...	12.945	2041631	20.900 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
Target Compounds			
1) T n-Nonane (C9)	3.279	2548694	19.214 ug/ml
2) T n-Decane (C10)	4.345	2594848	19.320 ug/ml
3) T A~Naphthalene (C11.7)	5.924	2763088	19.441 ug/ml
4) T n-Dodecane (C12)	6.362	2612148	19.515 ug/ml
5) T A~2-methylnaphthalene...	6.980	2635633	19.737 ug/ml
6) T n-Tetradecane (C14)	8.155	2551443	19.798 ug/ml
7) T n-Hexadecane (C16)	9.754	2598113	20.152 ug/ml
8) T n-Octadecane (C18)	11.195	2595636	20.288 ug/ml
10) T n-Eicosane (C20)	12.503	2439040	20.306 ug/ml
11) T n-Heneicosane (C21)	13.114	2366444	20.262 ug/ml
13) T n-Docosane (C22)	13.700	2332369	20.201 ug/ml
14) T n-Tetracosane (C24)	14.801	2296386	20.221 ug/ml
15) T n-Hexacosane (C26)	15.821	2225019	20.076 ug/ml
16) T n-Octacosane (C28)	16.769	2174475	20.130 ug/ml
17) T n-Tricontane (C30)	17.656	2202726	20.250 ug/ml
18) T n-Dotriacontane (C32)	18.488	2134620	20.465 ug/ml
19) T n-Tetratriacontane (C34)	19.270	1915289	20.760 ug/ml
20) T n-Hexatriacontane (C36)	20.009	1664732	21.007 ug/ml
21) T n-Octatriacontane (C38)	20.733	1590650	21.176 ug/ml
22) T n-Tetracontane (C40)	21.625	1564585	22.394 ug/ml

(f)=RT Delta > 1/2 Window

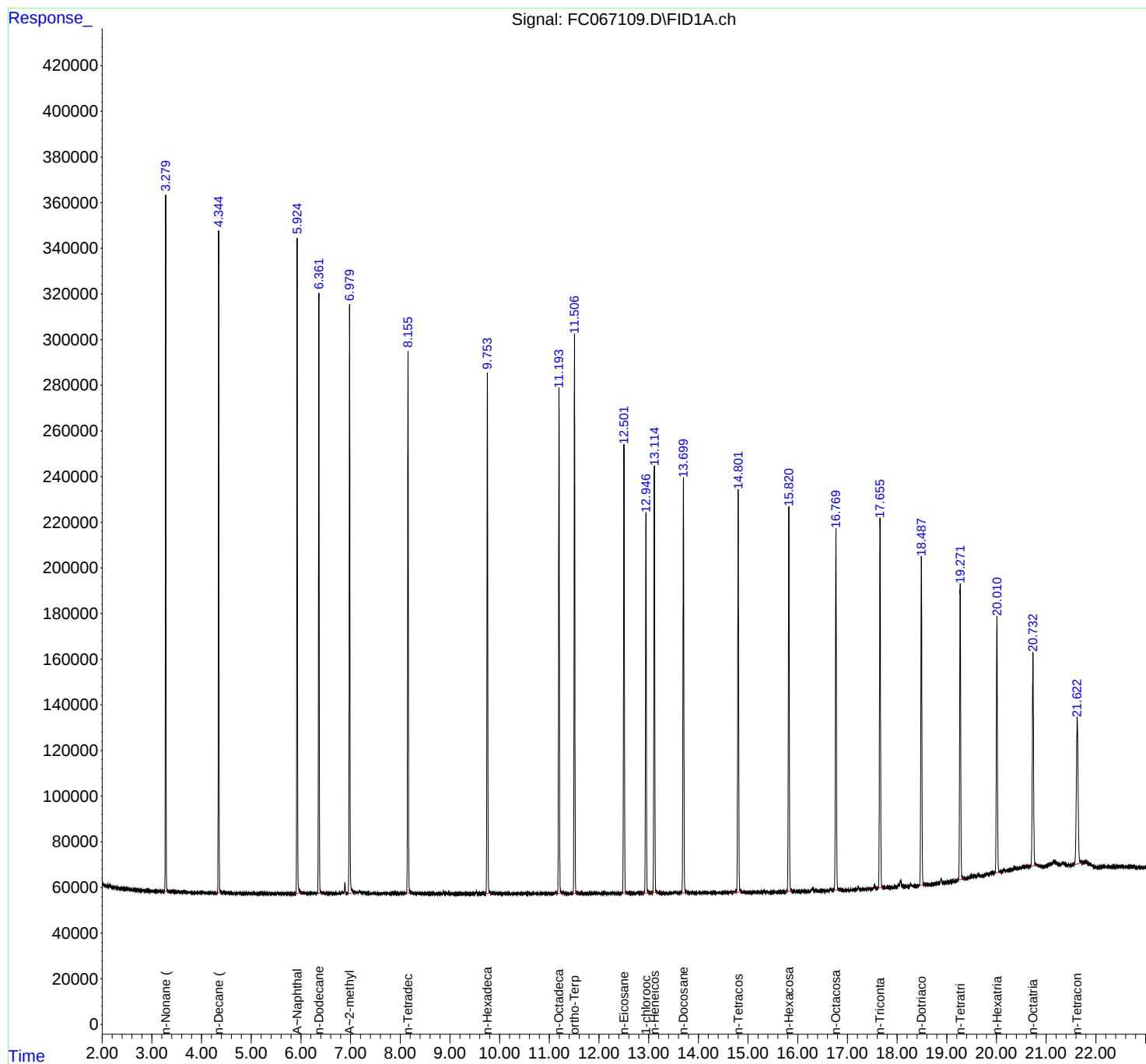
(m)=manual int.

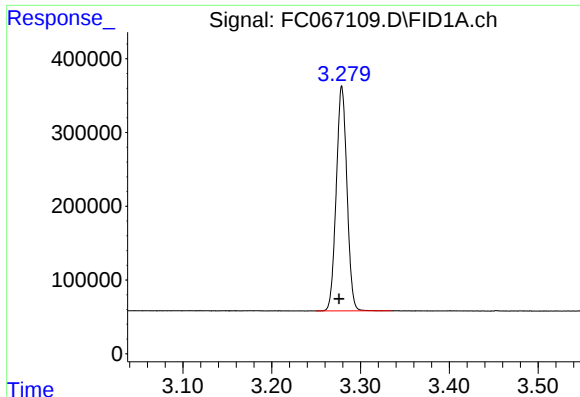
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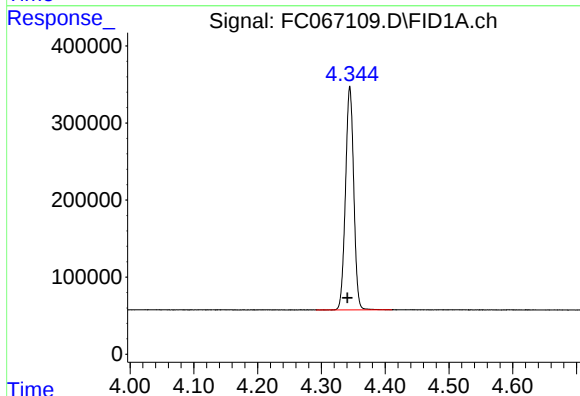




#1 n-Nonane (C9)

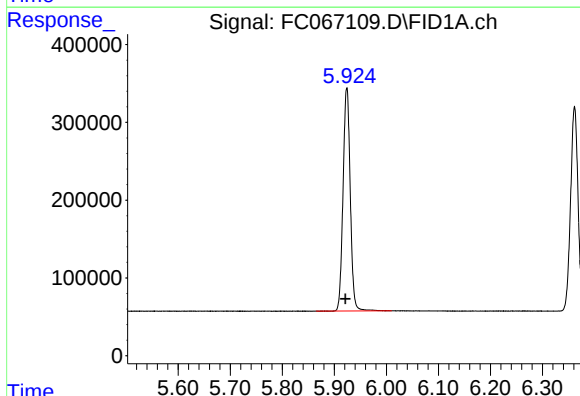
R.T.: 3.279 min
Delta R.T.: 0.003 min
Response: 2548694
Conc: 19.21 ug/ml

Instrument :
FID_C
ClientSampleId :



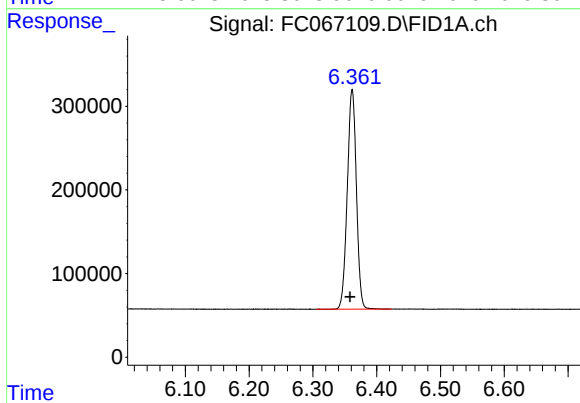
#2 n-Decane (C10)

R.T.: 4.345 min
Delta R.T.: 0.004 min
Response: 2594848
Conc: 19.32 ug/ml



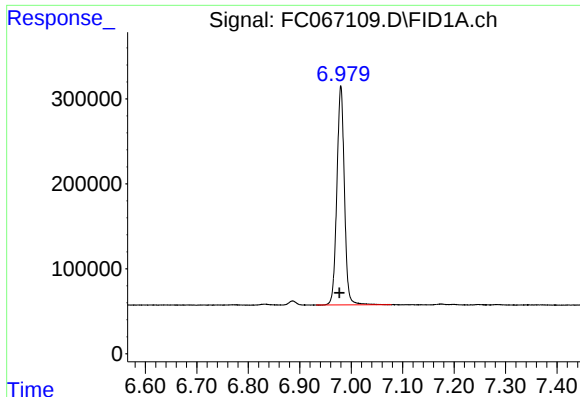
#3 A~Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: 0.002 min
Response: 2763088
Conc: 19.44 ug/ml



#4 n-Dodecane (C12)

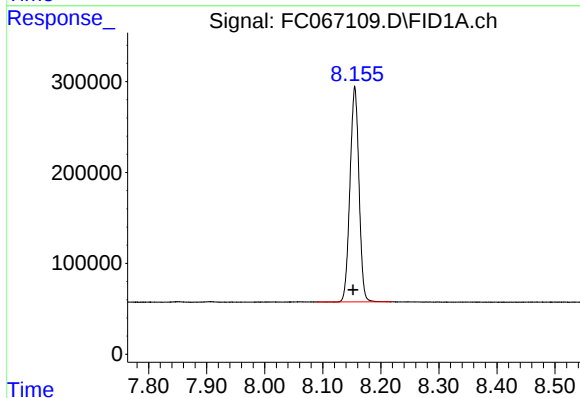
R.T.: 6.362 min
Delta R.T.: 0.003 min
Response: 2612148
Conc: 19.51 ug/ml



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

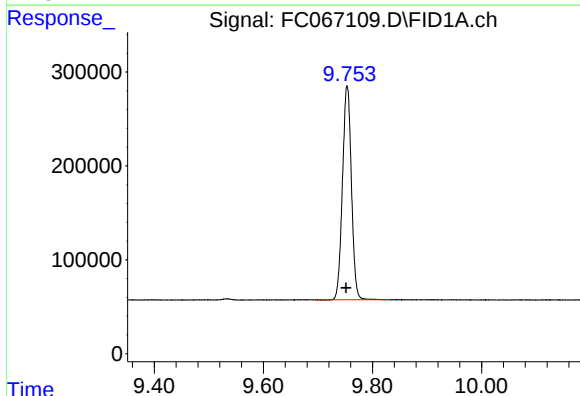
R.T.: 6.980 min
Delta R.T.: 0.003 min
Response: 2635633
Conc: 19.74 ug/ml

Instrument :
FID_C
ClientSampleId :



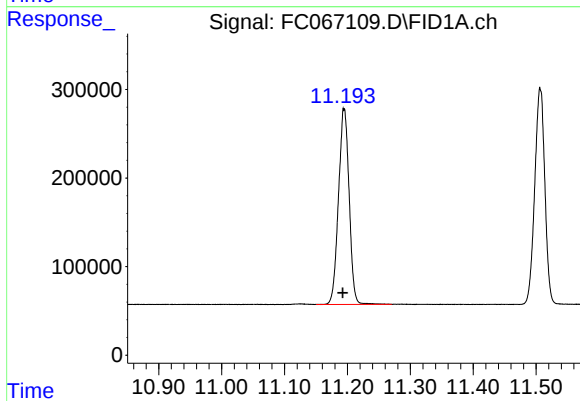
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.003 min
Response: 2551443
Conc: 19.80 ug/ml



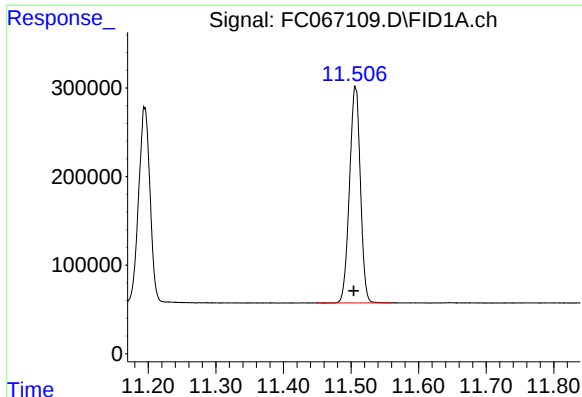
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: 0.002 min
Response: 2598113
Conc: 20.15 ug/ml



#8 n-Octadecane (C18)

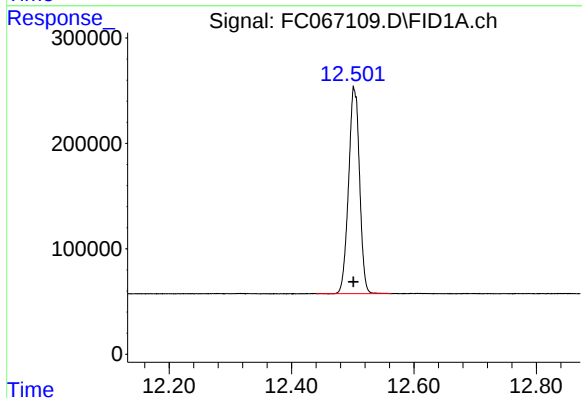
R.T.: 11.195 min
Delta R.T.: 0.002 min
Response: 2595636
Conc: 20.29 ug/ml



#9 ortho-Terphenyl (SURR)

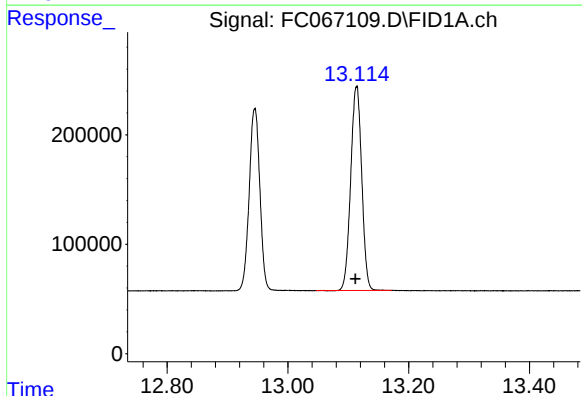
R.T.: 11.506 min
Delta R.T.: 0.002 min
Response: 2732171
Conc: 19.62 ug/ml

Instrument :
FID_C
ClientSampleId :



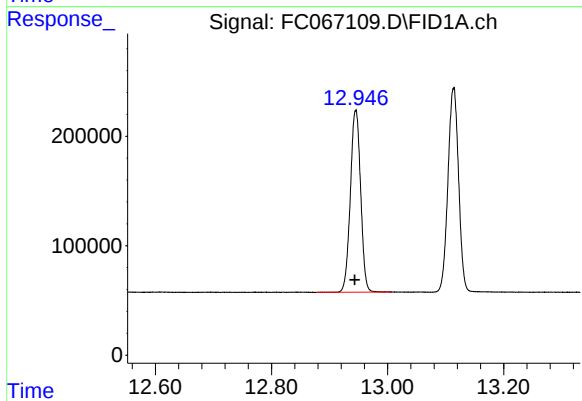
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.002 min
Response: 2439040
Conc: 20.31 ug/ml



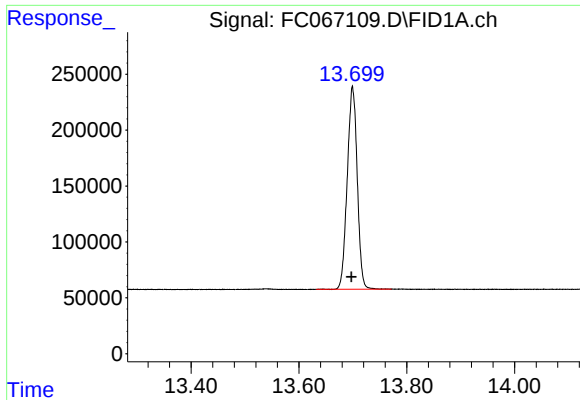
#11 n-Heneicosane (C21)

R.T.: 13.114 min
Delta R.T.: 0.002 min
Response: 2366444
Conc: 20.26 ug/ml



#12 1-chlorooctadecane (SURR)

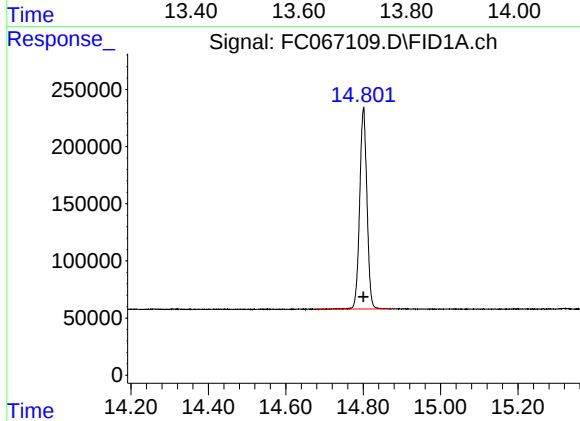
R.T.: 12.945 min
Delta R.T.: 0.002 min
Response: 2041631
Conc: 20.90 ug/ml



#13 n-Docosane (C22)

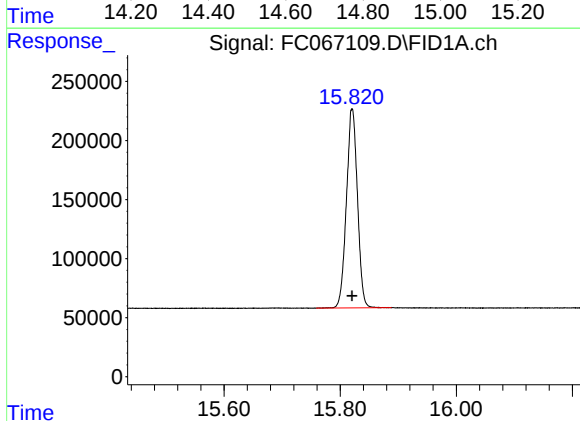
R.T.: 13.700 min
Delta R.T.: 0.002 min
Response: 2332369
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :



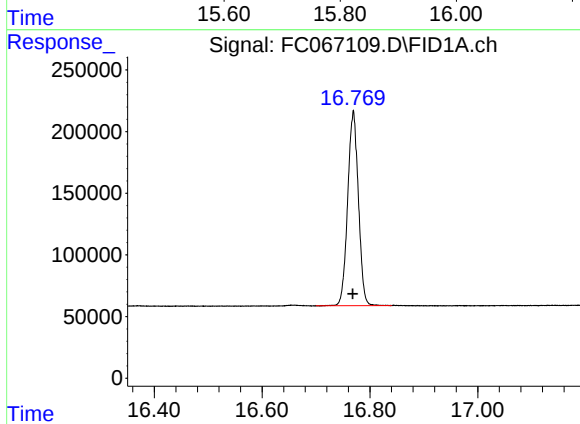
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: 0.000 min
Response: 2296386
Conc: 20.22 ug/ml



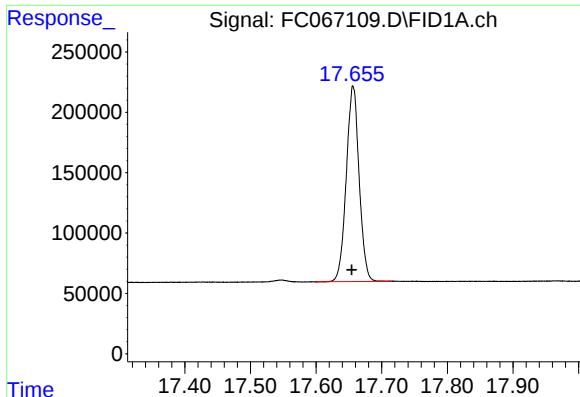
#15 n-Hexacosane (C26)

R.T.: 15.821 min
Delta R.T.: 0.000 min
Response: 2225019
Conc: 20.08 ug/ml



#16 n-Octacosane (C28)

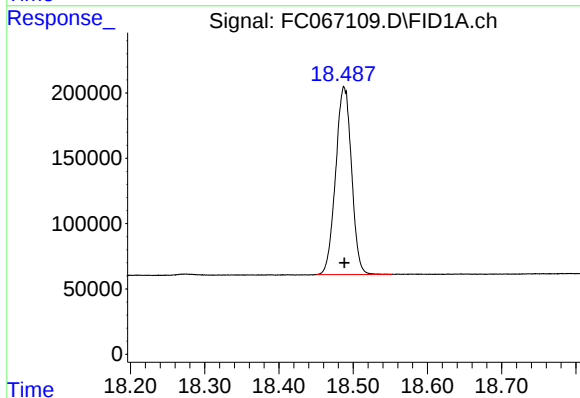
R.T.: 16.769 min
Delta R.T.: 0.001 min
Response: 2174475
Conc: 20.13 ug/ml



#17 n-Tricontane (C30)

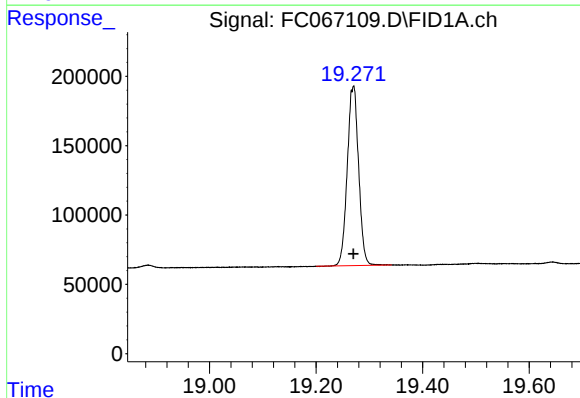
R.T.: 17.656 min
Delta R.T.: 0.002 min
Response: 2202726
Conc: 20.25 ug/ml

Instrument :
FID_C
ClientSampleId :



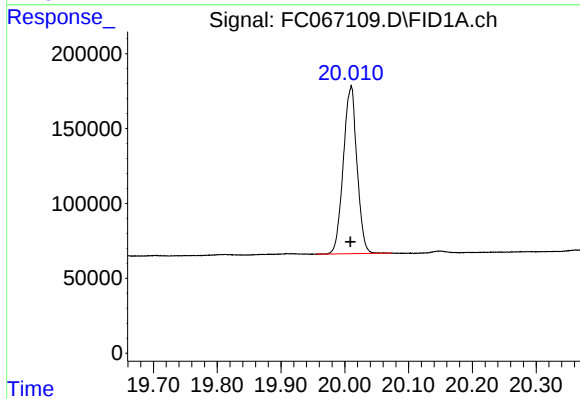
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: 0.000 min
Response: 2134620
Conc: 20.47 ug/ml



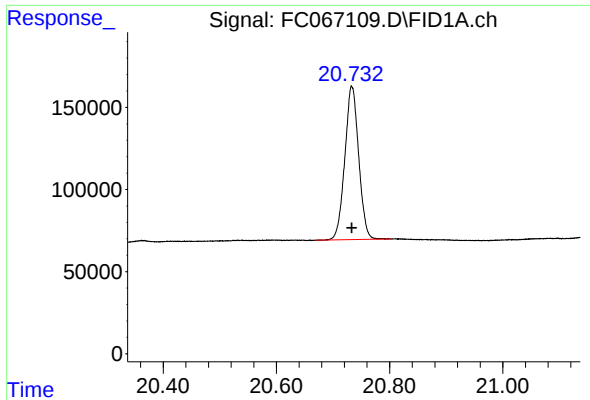
#19 n-Tetratriacontane (C34)

R.T.: 19.270 min
Delta R.T.: 0.000 min
Response: 1915289
Conc: 20.76 ug/ml



#20 n-Hexatriacontane (C36)

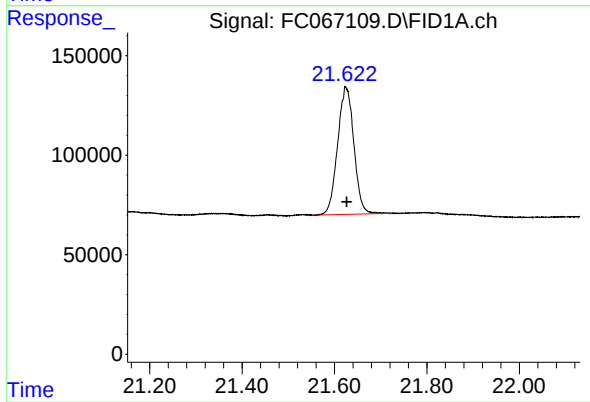
R.T.: 20.009 min
Delta R.T.: 0.000 min
Response: 1664732
Conc: 21.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: 0.000 min
Response: 1590650
Conc: 21.18 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.625 min
Delta R.T.: -0.002 min
Response: 1564585
Conc: 22.39 ug/ml