

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100324AL\
 Data File : FC067322.D
 Signal(s) : FID1A.ch
 Acq On : 01 Oct 2024 11:09
 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 02 02:03:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.495	2797360	18.384 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
12) S 1-chlorooctadecane (S...	12.935	2078691	18.364 ug/ml
Spiked Amount 50.000		Recovery =	36.73%
Target Compounds			
1) T n-Nonane (C9)	3.271	2216707	17.488 ug/ml
2) T n-Decane (C10)	4.336	2310259	17.973 ug/ml
3) T A~Naphthalene (C11.7)	5.915	2553640	18.002 ug/ml
4) T n-Dodecane (C12)	6.353	2339844	18.032 ug/ml
5) T A~2-methylnaphthalene...	6.970	2475563	18.045 ug/ml
6) T n-Tetradecane (C14)	8.146	2368032	18.386 ug/ml
7) T n-Hexadecane (C16)	9.745	2447897	18.389 ug/ml
8) T n-Octadecane (C18)	11.184	2501895	18.450 ug/ml
10) T n-Eicosane (C20)	12.492	2416421	18.507 ug/ml
11) T n-Heneicosane (C21)	13.103	2374008	18.510 ug/ml
13) T n-Docosane (C22)	13.689	2410414	18.877 ug/ml
14) T n-Tetracosane (C24)	14.790	2545401	19.903 ug/ml
15) T n-Hexacosane (C26)	15.810	2579534	20.459 ug/ml
16) T n-Octacosane (C28)	16.758	2721265	21.661 ug/ml
17) T n-Tricontane (C30)	17.645	2919032	22.659 ug/ml
18) T n-Dotriacontane (C32)	18.475	2831005	22.661 ug/ml
19) T n-Tetratriacontane (C34)	19.258	2376792	21.750 ug/ml
20) T n-Hexatriacontane (C36)	19.997	1925137	20.368 ug/ml
21) T n-Octatriacontane (C38)	20.718	1709482	19.492 ug/ml
22) T n-Tetracontane (C40)	21.605	1675779	19.475 ug/ml

(f)=RT Delta > 1/2 Window

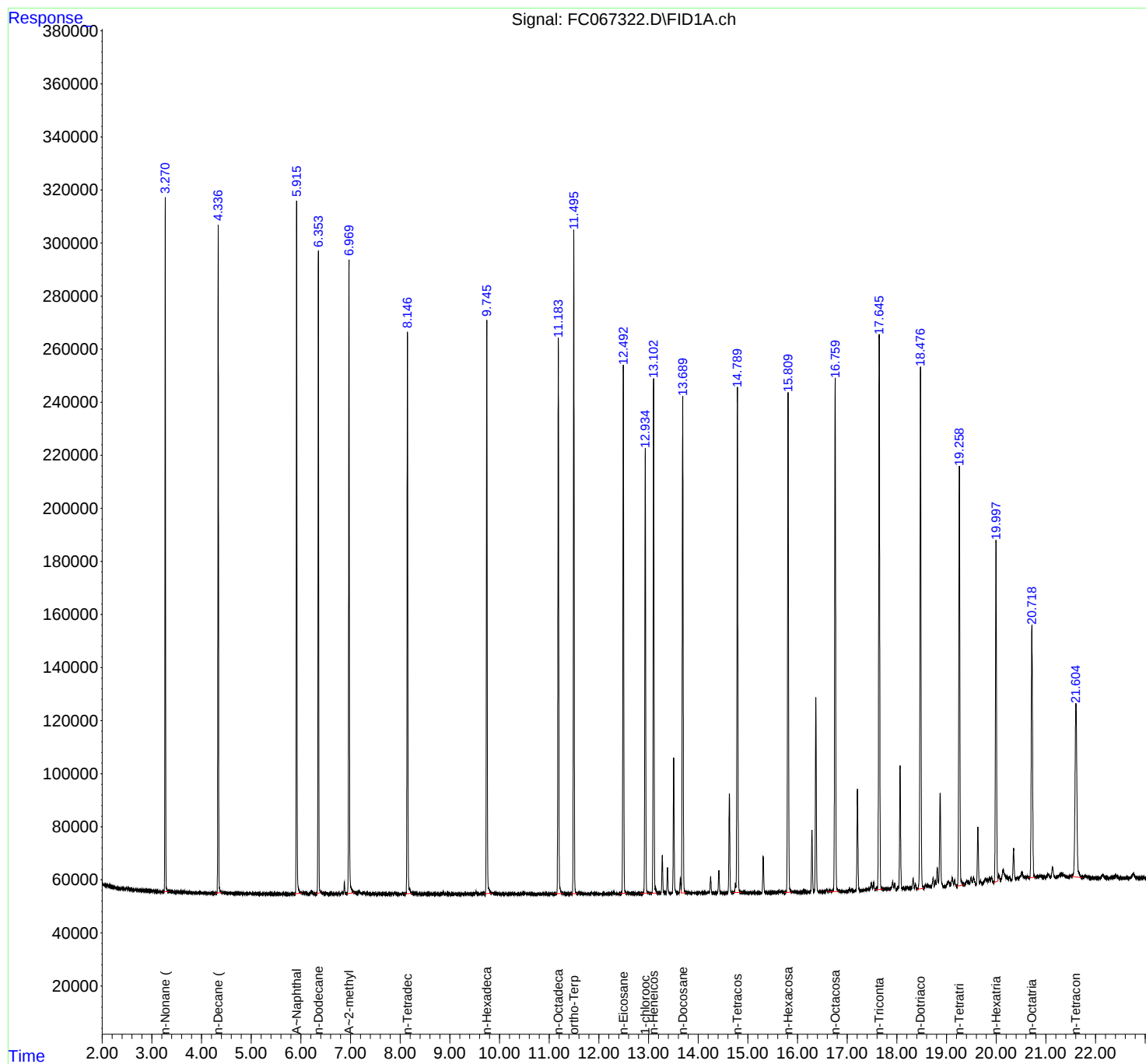
(m)=manual int.

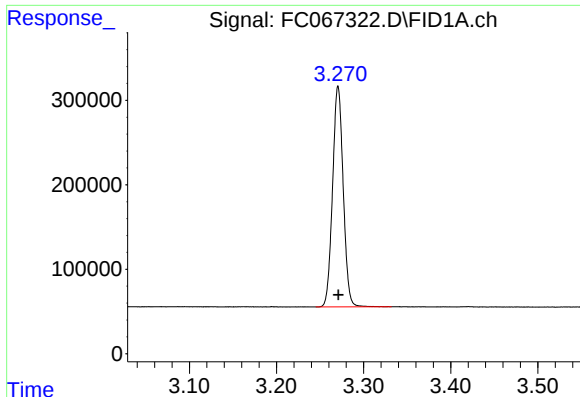
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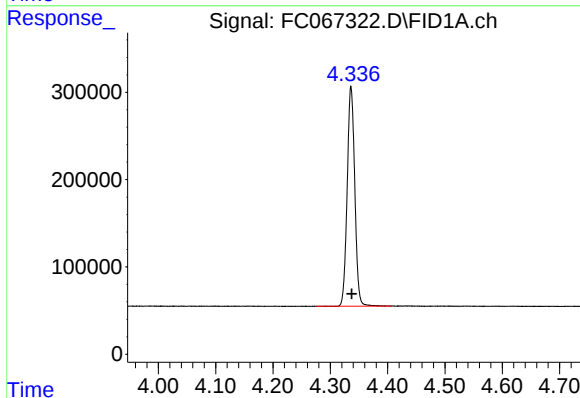




#1 n-Nonane (C9)

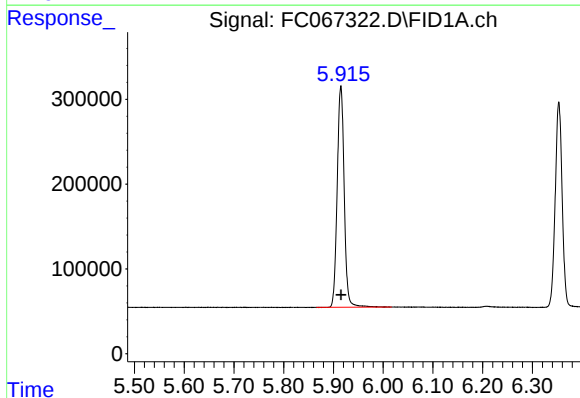
R.T.: 3.271 min
Delta R.T.: 0.000 min
Response: 2216707
Conc: 17.49 ug/ml

Instrument :
FID_C
ClientSampleId :



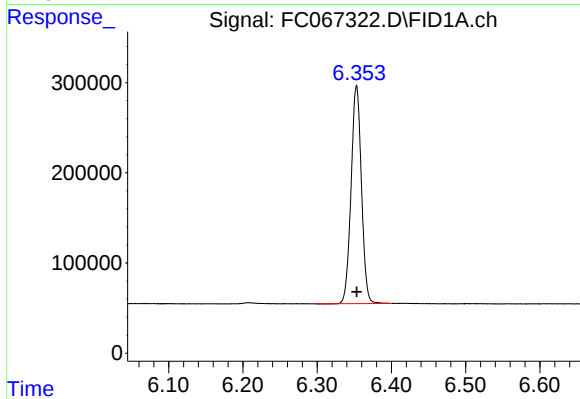
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 2310259
Conc: 17.97 ug/ml



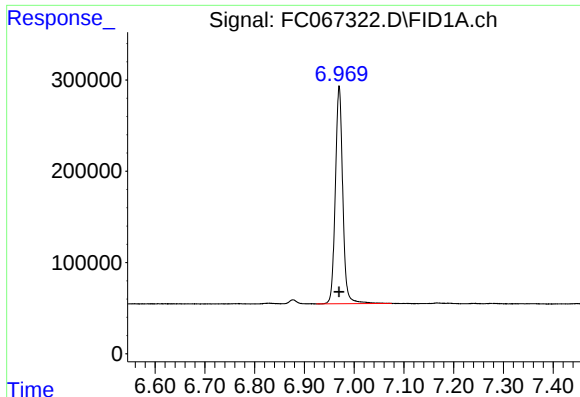
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 2553640
Conc: 18.00 ug/ml



#4 n-Dodecane (C12)

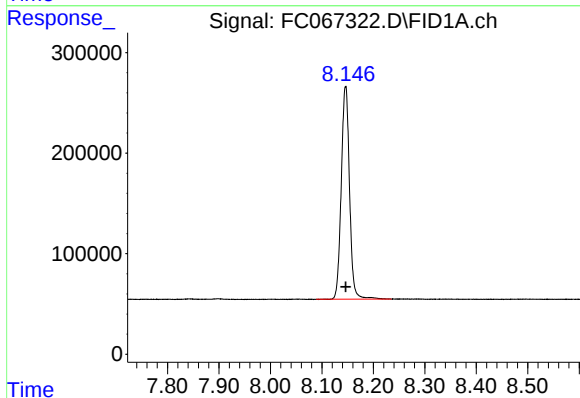
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 2339844
Conc: 18.03 ug/ml



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

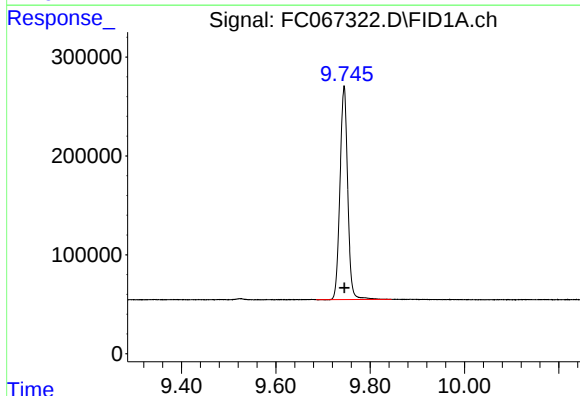
R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 2475563
Conc: 18.04 ug/ml

Instrument :
FID_C
ClientSampleId :



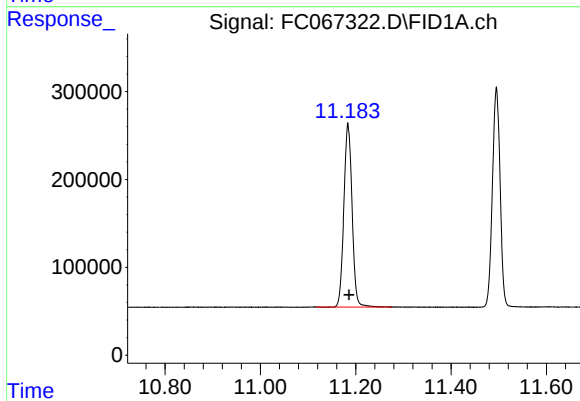
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 2368032
Conc: 18.39 ug/ml



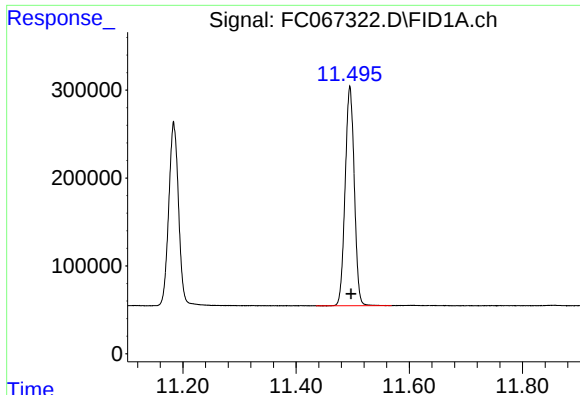
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.000 min
Response: 2447897
Conc: 18.39 ug/ml



#8 n-Octadecane (C18)

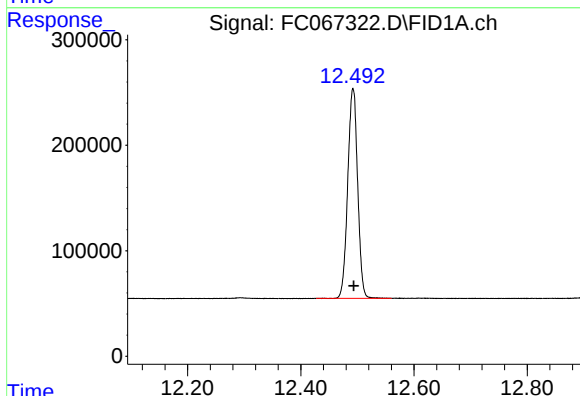
R.T.: 11.184 min
Delta R.T.: -0.002 min
Response: 2501895
Conc: 18.45 ug/ml



#9 ortho-Terphenyl (SURR)

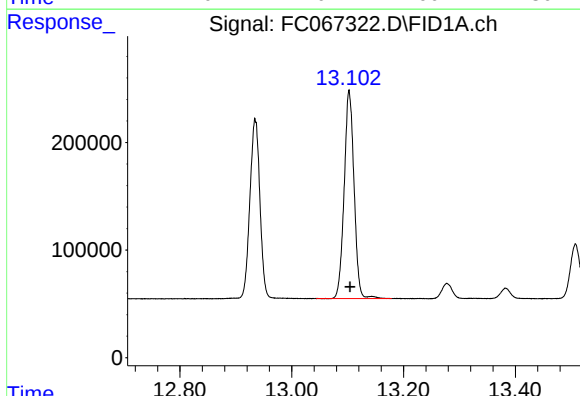
R.T.: 11.495 min
Delta R.T.: -0.002 min
Response: 2797360
Conc: 18.38 ug/ml

Instrument :
FID_C
ClientSampleId :



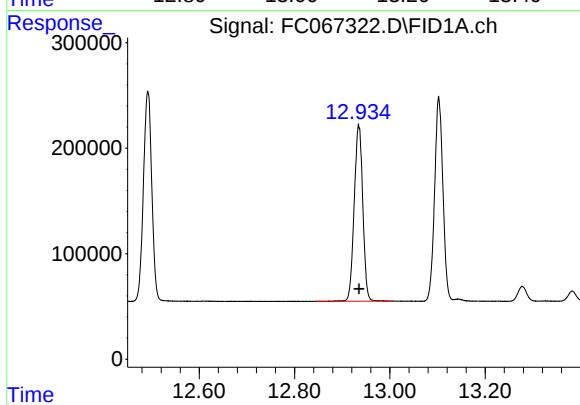
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: -0.001 min
Response: 2416421
Conc: 18.51 ug/ml



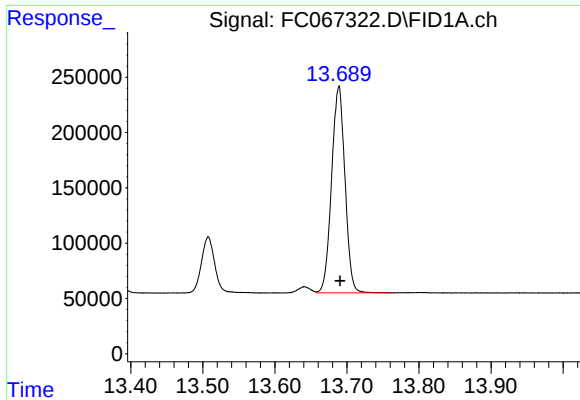
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: -0.002 min
Response: 2374008
Conc: 18.51 ug/ml



#12 1-chlorooctadecane (SURR)

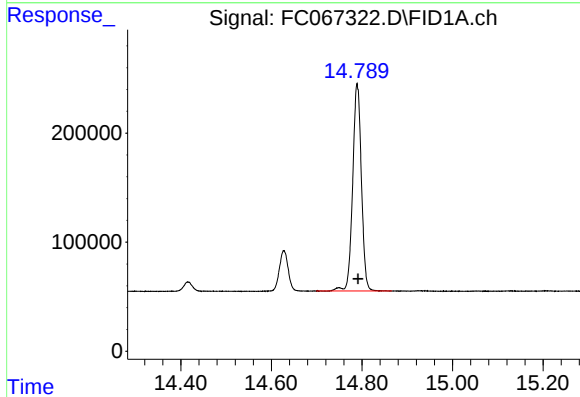
R.T.: 12.935 min
Delta R.T.: -0.001 min
Response: 2078691
Conc: 18.36 ug/ml



#13 n-Docosane (C22)

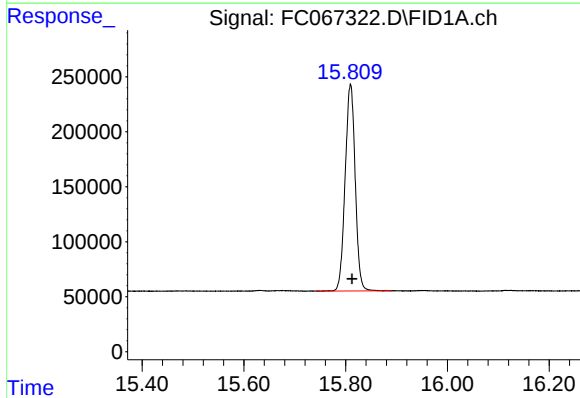
R.T.: 13.689 min
Delta R.T.: -0.002 min
Response: 2410414
Conc: 18.88 ug/ml

Instrument :
FID_C
ClientSampleId :



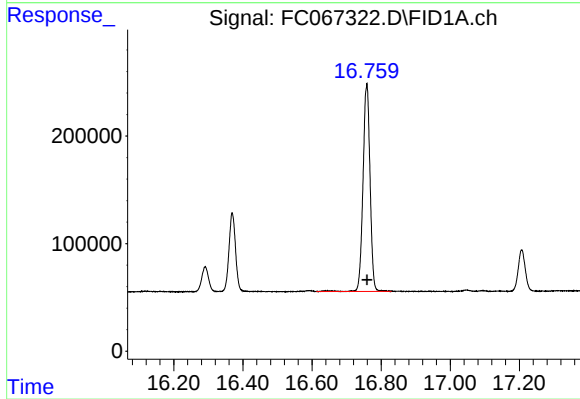
#14 n-Tetracosane (C24)

R.T.: 14.790 min
Delta R.T.: -0.002 min
Response: 2545401
Conc: 19.90 ug/ml



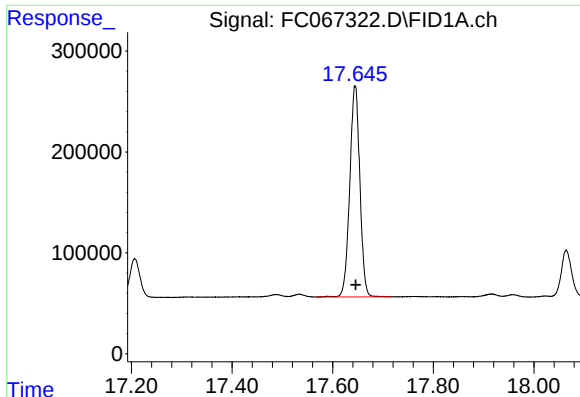
#15 n-Hexacosane (C26)

R.T.: 15.810 min
Delta R.T.: -0.003 min
Response: 2579534
Conc: 20.46 ug/ml



#16 n-Octacosane (C28)

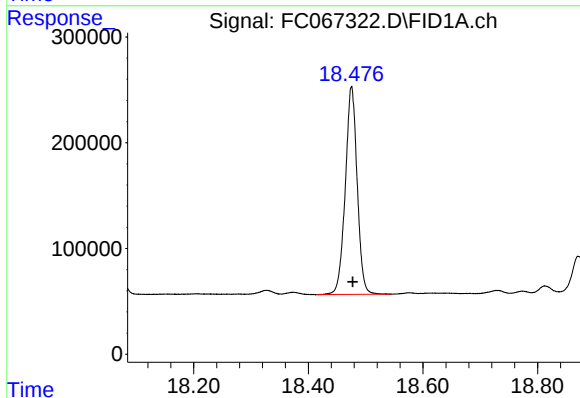
R.T.: 16.758 min
Delta R.T.: -0.001 min
Response: 2721265
Conc: 21.66 ug/ml



#17 n-Tricontane (C30)

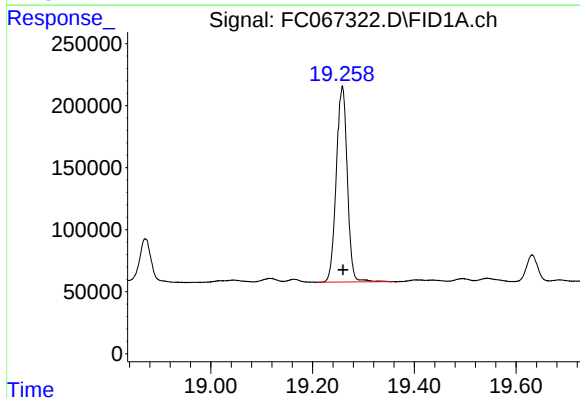
R.T.: 17.645 min
Delta R.T.: -0.002 min
Response: 2919032
Conc: 22.66 ug/ml

Instrument :
FID_C
ClientSampleId :



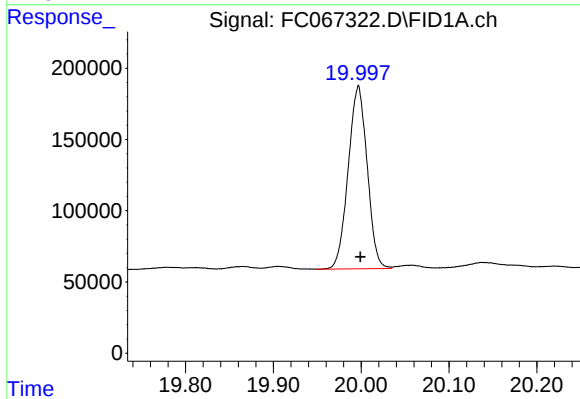
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: -0.002 min
Response: 2831005
Conc: 22.66 ug/ml



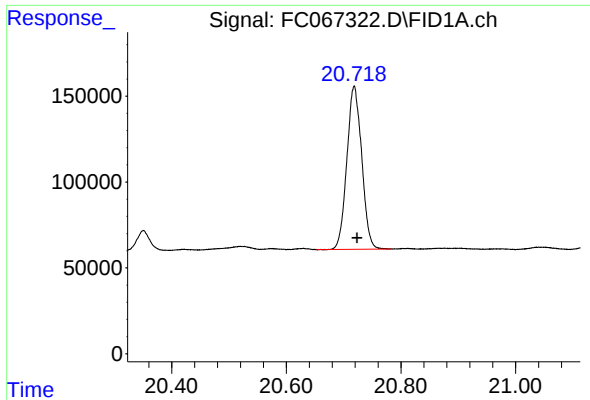
#19 n-Tetratriacontane (C34)

R.T.: 19.258 min
Delta R.T.: -0.001 min
Response: 2376792
Conc: 21.75 ug/ml



#20 n-Hexatriacontane (C36)

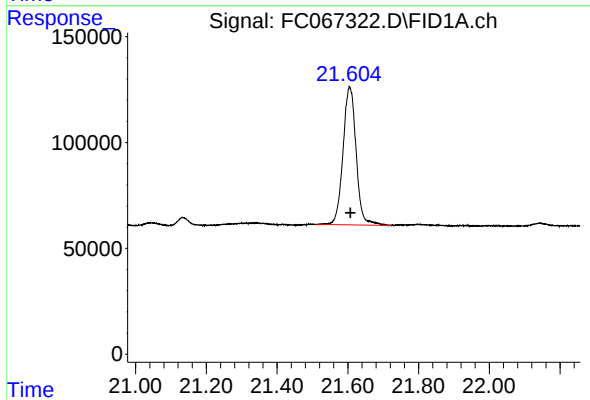
R.T.: 19.997 min
Delta R.T.: -0.003 min
Response: 1925137
Conc: 20.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: -0.005 min
Response: 1709482
Conc: 19.49 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: -0.002 min
Response: 1675779
Conc: 19.47 ug/ml