

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121124AL\
 Data File : FC067983.D
 Signal(s) : FID1A.ch
 Acq On : 11 Dec 2024 13:37
 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: Dec 12 03:16:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 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)	11.471	3248083	18.784 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
12) S 1-chlorooctadecane (S...	12.911	2420775	18.972 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
Target Compounds			
1) T n-Nonane (C9)	3.251	2781362	17.902 ug/ml
2) T n-Decane (C10)	4.314	2905824	18.330 ug/ml
3) T A~Naphthalene (C11.7)	5.888	3218607	18.436 ug/ml
4) T n-Dodecane (C12)	6.328	2985958	18.545 ug/ml
5) T A~2-methylnaphthalene...	6.944	3135593	18.714 ug/ml
6) T n-Tetradecane (C14)	8.122	2980778	18.747 ug/ml
7) T n-Hexadecane (C16)	9.720	3059491	18.938 ug/ml
8) T n-Octadecane (C18)	11.161	3050004	18.998 ug/ml
10) T n-Eicosane (C20)	12.468	2855979	18.986 ug/ml
11) T n-Heneicosane (C21)	13.080	2775692	18.996 ug/ml
13) T n-Docosane (C22)	13.666	2719319	18.997 ug/ml
14) T n-Tetracosane (C24)	14.768	2654545	19.105 ug/ml
15) T n-Hexacosane (C26)	15.787	2567840	19.202 ug/ml
16) T n-Octacosane (C28)	16.736	2561145	19.745 ug/ml
17) T n-Tricontane (C30)	17.622	2695922	20.811 ug/ml
18) T n-Dotriacontane (C32)	18.455	2650736	21.396 ug/ml
19) T n-Tetratriacontane (C34)	19.236	2303671	21.106 ug/ml
20) T n-Hexatriacontane (C36)	19.976	1927610	20.374 ug/ml
21) T n-Octatriacontane (C38)	20.696	1781387	19.692 ug/ml
22) T n-Tetracontane (C40)	21.575	1707613	19.374 ug/ml

(f)=RT Delta > 1/2 Window

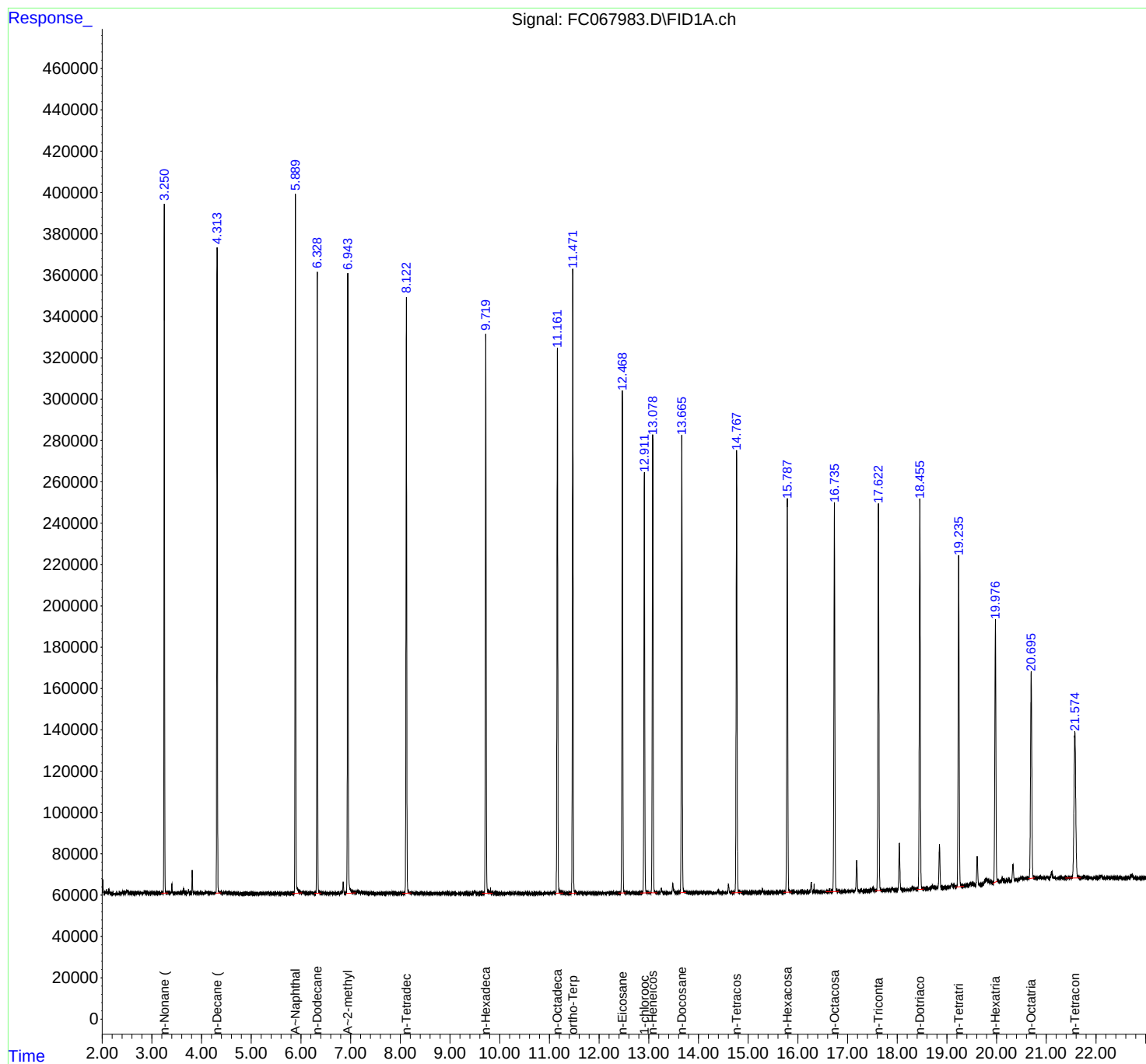
(m)=manual int.

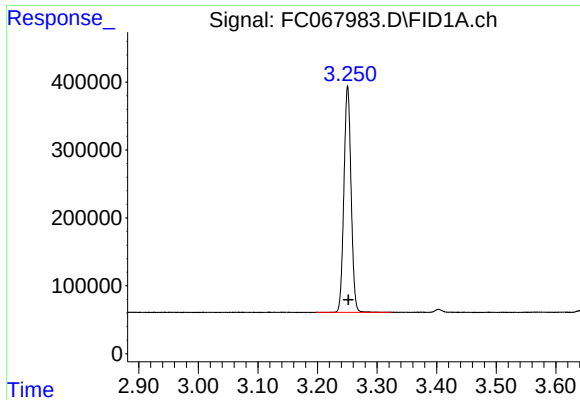
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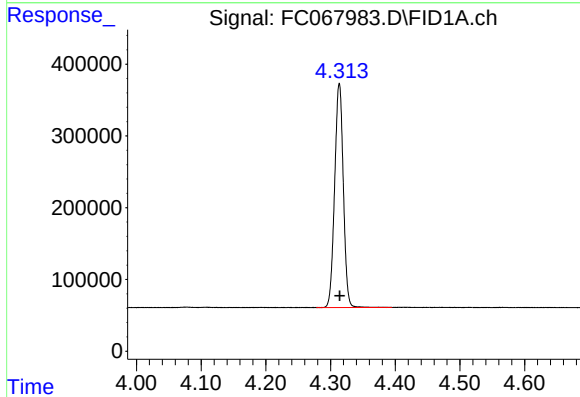




#1 n-Nonane (C9)

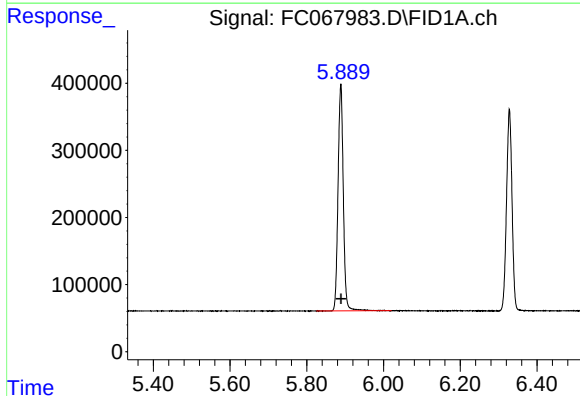
R.T.: 3.251 min
Delta R.T.: -0.001 min
Response: 2781362
Conc: 17.90 ug/ml

Instrument :
FID_C
ClientSampleId :



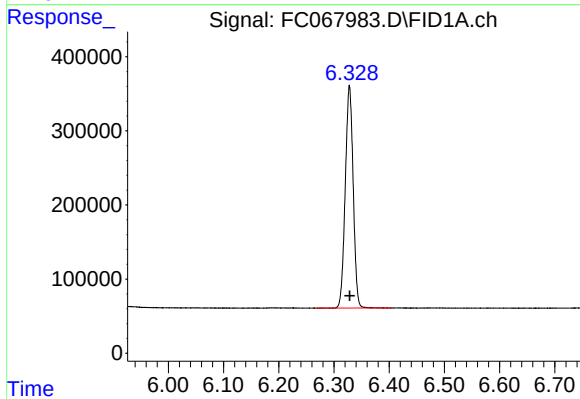
#2 n-Decane (C10)

R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 2905824
Conc: 18.33 ug/ml



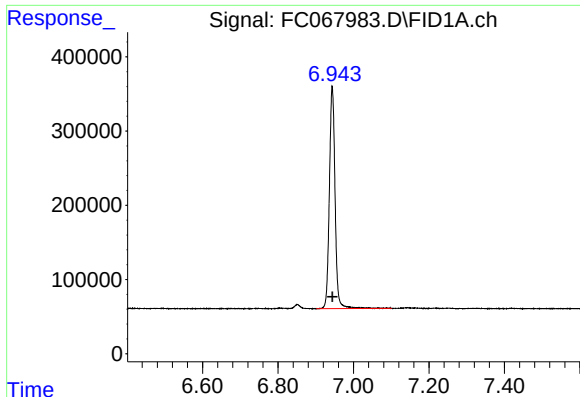
#3 A~Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: -0.001 min
Response: 3218607
Conc: 18.44 ug/ml



#4 n-Dodecane (C12)

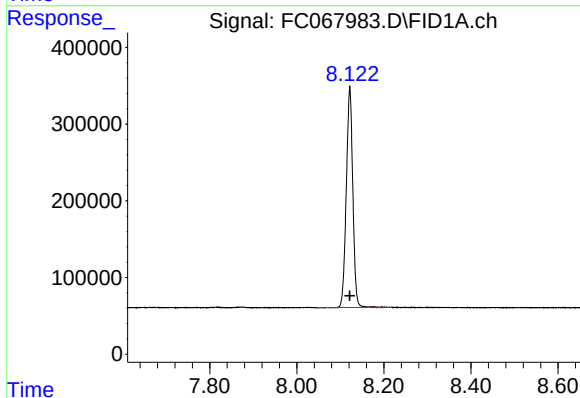
R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 2985958
Conc: 18.54 ug/ml



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

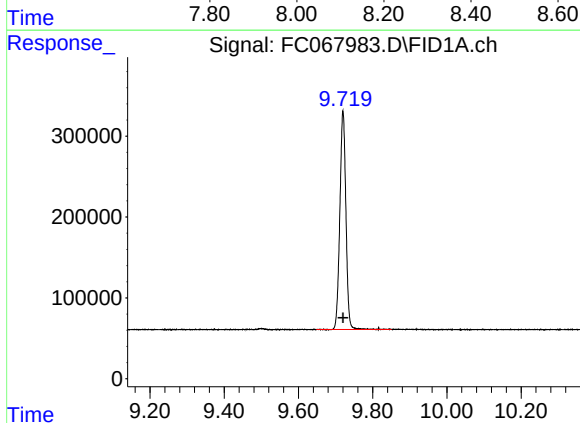
R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 3135593
Conc: 18.71 ug/ml

Instrument :
FID_C
ClientSampleId :



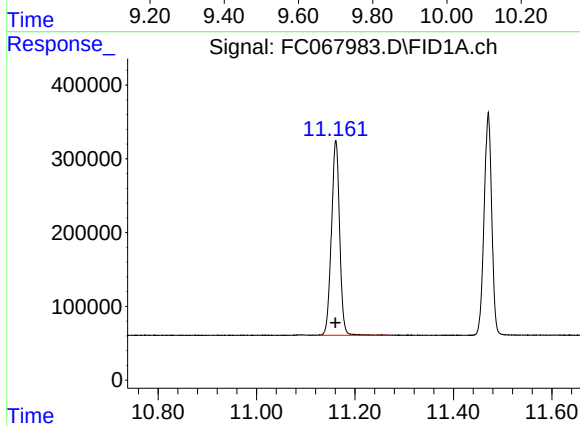
#6 n-Tetradecane (C14)

R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 2980778
Conc: 18.75 ug/ml



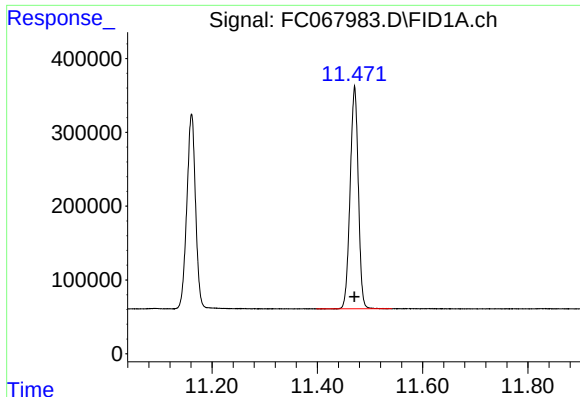
#7 n-Hexadecane (C16)

R.T.: 9.720 min
Delta R.T.: 0.000 min
Response: 3059491
Conc: 18.94 ug/ml



#8 n-Octadecane (C18)

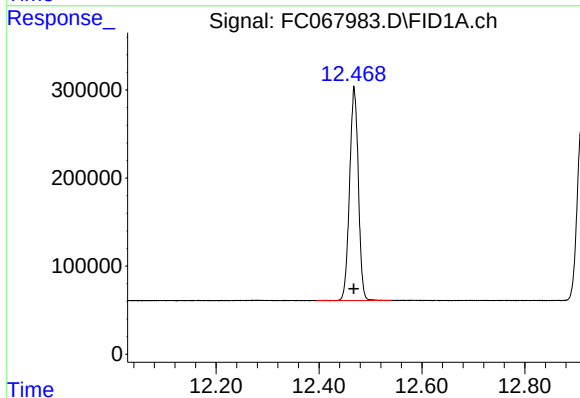
R.T.: 11.161 min
Delta R.T.: 0.000 min
Response: 3050004
Conc: 19.00 ug/ml



#9 ortho-Terphenyl (SURR)

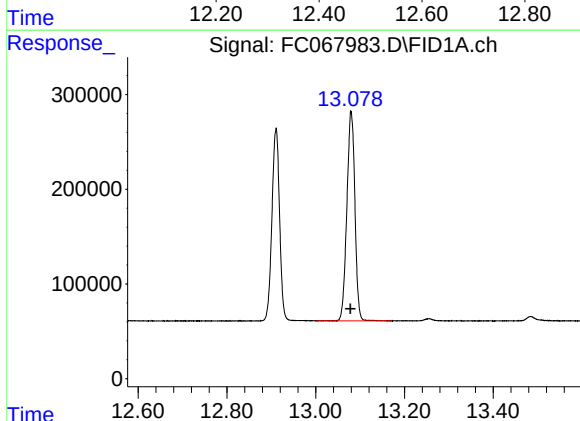
R.T.: 11.471 min
Delta R.T.: 0.000 min
Response: 3248083
Conc: 18.78 ug/ml

Instrument :
FID_C
ClientSampleId :



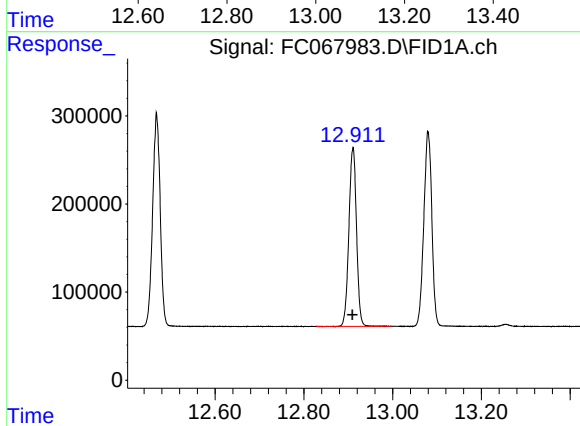
#10 n-Eicosane (C20)

R.T.: 12.468 min
Delta R.T.: 0.000 min
Response: 2855979
Conc: 18.99 ug/ml



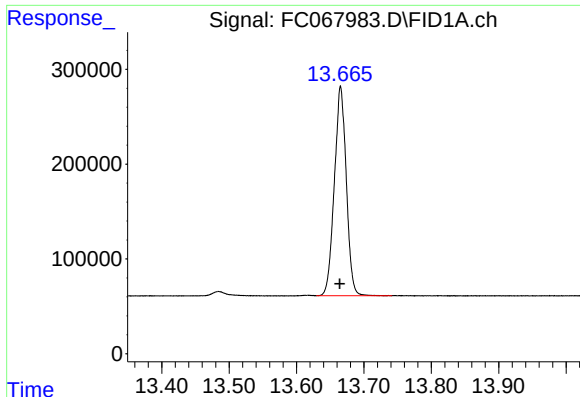
#11 n-Heneicosane (C21)

R.T.: 13.080 min
Delta R.T.: 0.002 min
Response: 2775692
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

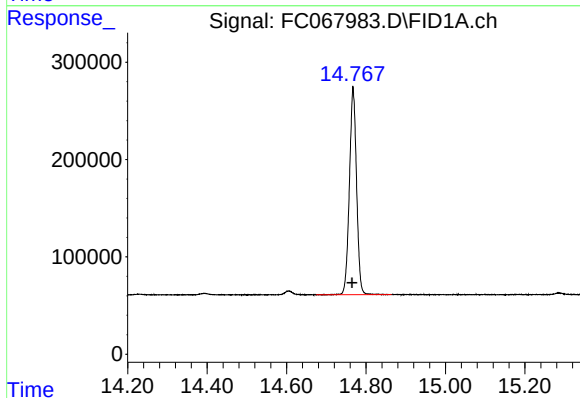
R.T.: 12.911 min
Delta R.T.: 0.001 min
Response: 2420775
Conc: 18.97 ug/ml



#13 n-Docosane (C22)

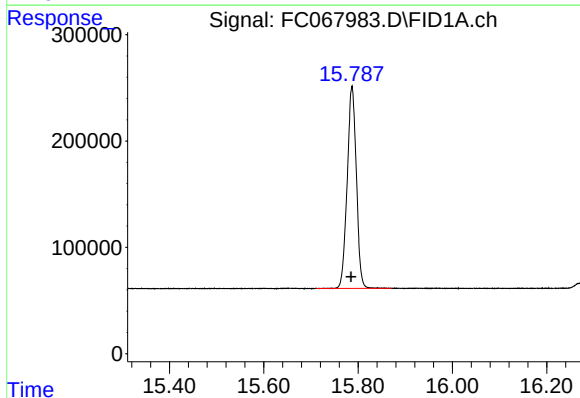
R.T.: 13.666 min
Delta R.T.: 0.001 min
Response: 2719319
Conc: 19.00 ug/ml

Instrument :
FID_C
ClientSampleId :



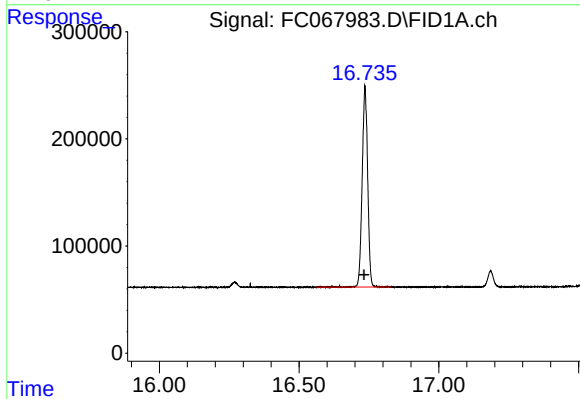
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: 0.003 min
Response: 2654545
Conc: 19.10 ug/ml



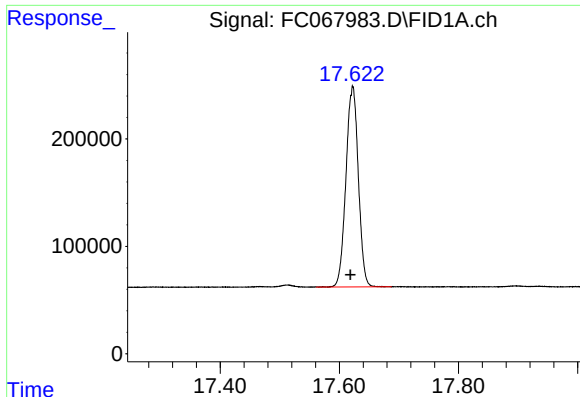
#15 n-Hexacosane (C26)

R.T.: 15.787 min
Delta R.T.: 0.002 min
Response: 2567840
Conc: 19.20 ug/ml



#16 n-Octacosane (C28)

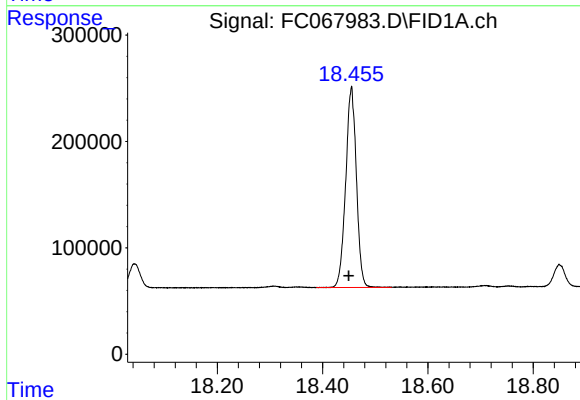
R.T.: 16.736 min
Delta R.T.: 0.003 min
Response: 2561145
Conc: 19.74 ug/ml



#17 n-Tricontane (C30)

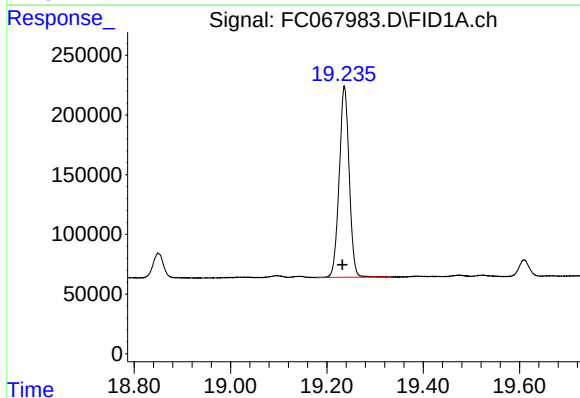
R.T.: 17.622 min
Delta R.T.: 0.003 min
Response: 2695922
Conc: 20.81 ug/ml

Instrument :
FID_C
ClientSampleId :



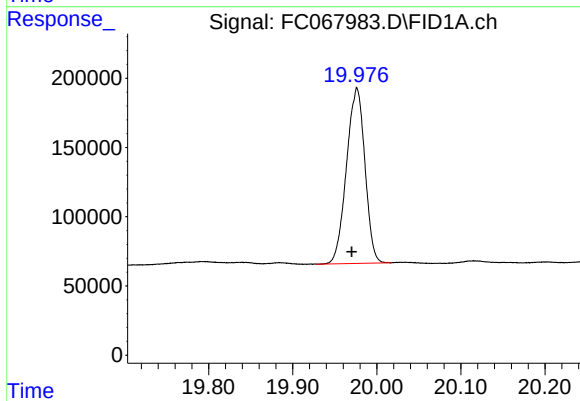
#18 n-Dotriacontane (C32)

R.T.: 18.455 min
Delta R.T.: 0.005 min
Response: 2650736
Conc: 21.40 ug/ml



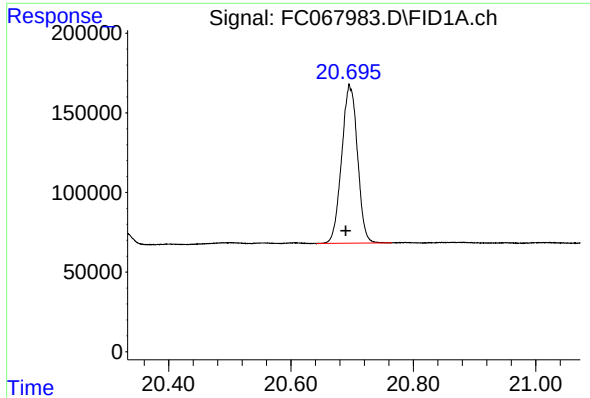
#19 n-Tetratriacontane (C34)

R.T.: 19.236 min
Delta R.T.: 0.004 min
Response: 2303671
Conc: 21.11 ug/ml



#20 n-Hexatriacontane (C36)

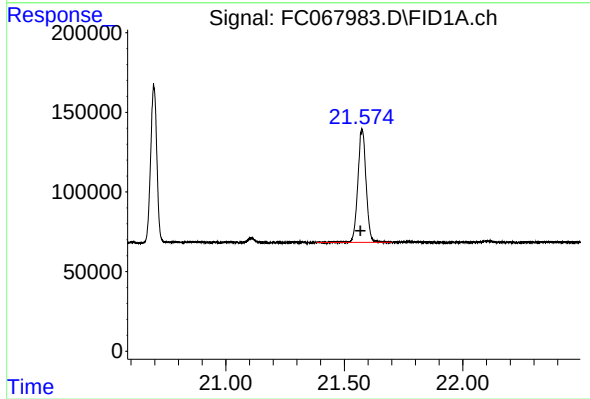
R.T.: 19.976 min
Delta R.T.: 0.006 min
Response: 1927610
Conc: 20.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.696 min
Delta R.T.: 0.007 min
Response: 1781387
Conc: 19.69 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.575 min
Delta R.T.: 0.007 min
Response: 1707613
Conc: 19.37 ug/ml