

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111124AL\
 Data File : FC067693.D
 Signal(s) : FID1A.ch
 Acq On : 11 Nov 2024 14:05
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 11 20:44:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.491	2969962	20.241 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
12) S 1-chlorooctadecane (S...	12.931	2175788	20.148 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
Target Compounds			
1) T n-Nonane (C9)	3.271	2728843	20.256 ug/ml
2) T n-Decane (C10)	4.335	2775779	20.373 ug/ml
3) T A~Naphthalene (C11.7)	5.912	3015339	20.348 ug/ml
4) T n-Dodecane (C12)	6.350	2766685	20.427 ug/ml
5) T A~2-methylnaphthalene...	6.968	2864809	20.286 ug/ml
6) T n-Tetradecane (C14)	8.143	2686691	20.468 ug/ml
7) T n-Hexadecane (C16)	9.741	2710282	20.516 ug/ml
8) T n-Octadecane (C18)	11.180	2718857	20.580 ug/ml
10) T n-Eicosane (C20)	12.488	2578804	20.438 ug/ml
11) T n-Heneicosane (C21)	13.099	2521723	20.433 ug/ml
13) T n-Docosane (C22)	13.685	2496079	20.385 ug/ml
14) T n-Tetracosane (C24)	14.787	2471040	20.386 ug/ml
15) T n-Hexacosane (C26)	15.805	2430708	20.417 ug/ml
16) T n-Octacosane (C28)	16.754	2416795	20.543 ug/ml
17) T n-Tricontane (C30)	17.639	2513534	20.795 ug/ml
18) T n-Dotriacontane (C32)	18.471	2459220	20.784 ug/ml
19) T n-Tetratriacontane (C34)	19.253	2176002	20.778 ug/ml
20) T n-Hexatriacontane (C36)	19.992	1874299	20.591 ug/ml
21) T n-Octatriacontane (C38)	20.713	1756310	20.280 ug/ml
22) T n-Tetracontane (C40)	21.597	1684190	19.812 ug/ml

(f)=RT Delta > 1/2 Window

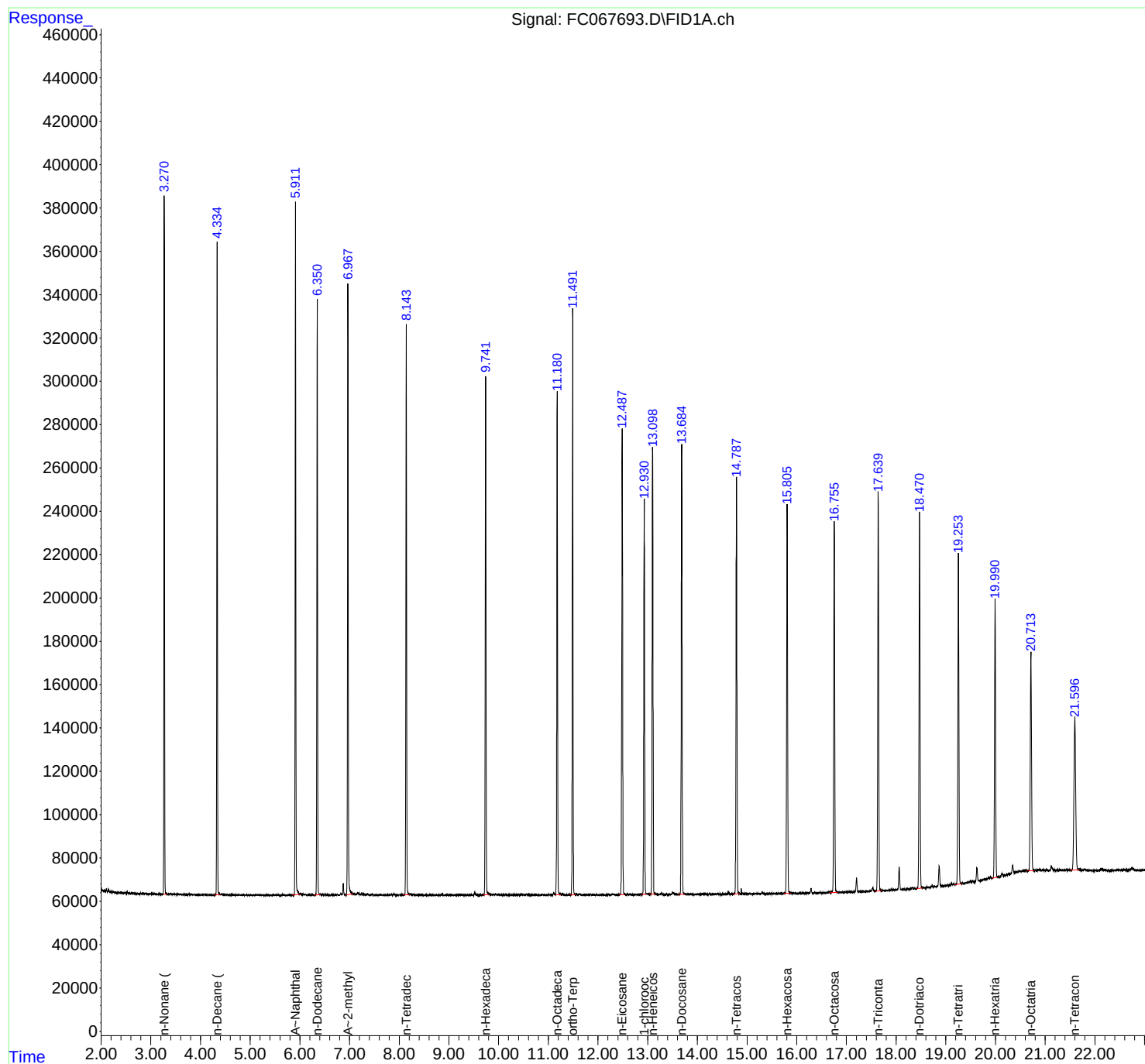
(m)=manual int.

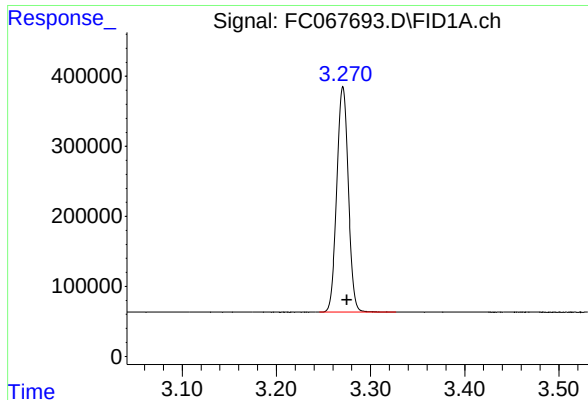
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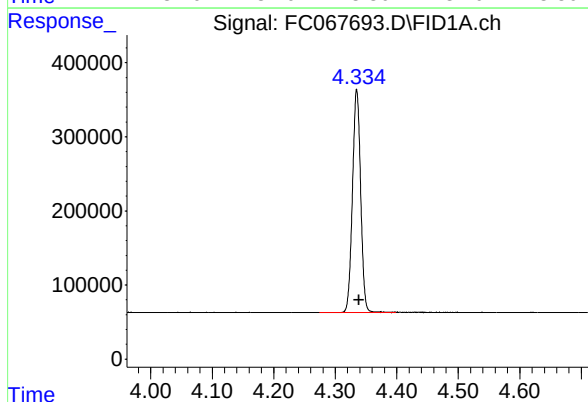
#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 2728843
Conc: 20.26 ug/ml

Instrument :

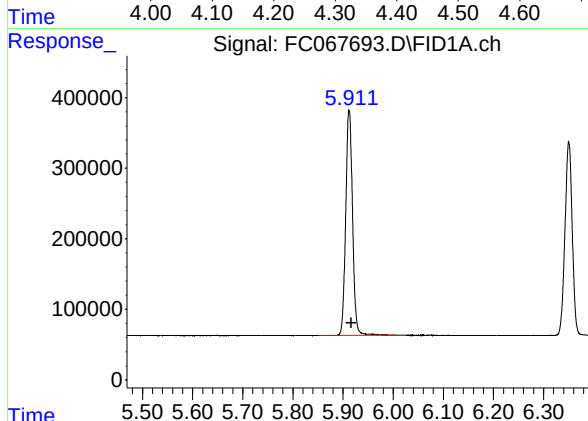
FID_D

ClientSampleId :



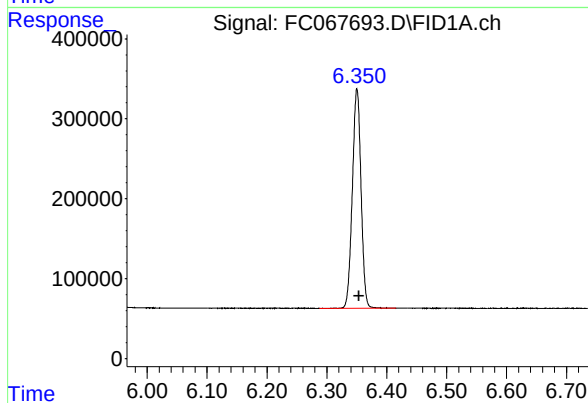
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: -0.003 min
Response: 2775779
Conc: 20.37 ug/ml



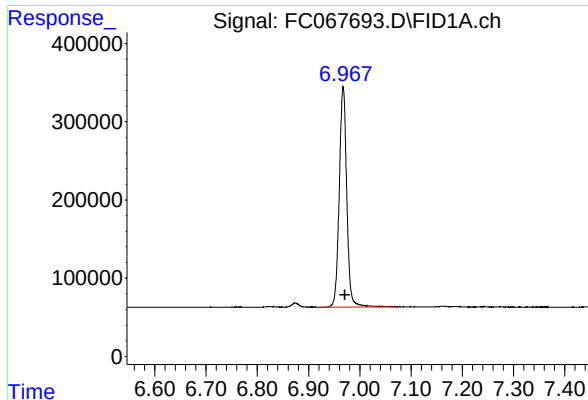
#3 A~Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: -0.004 min
Response: 3015339
Conc: 20.35 ug/ml



#4 n-Dodecane (C12)

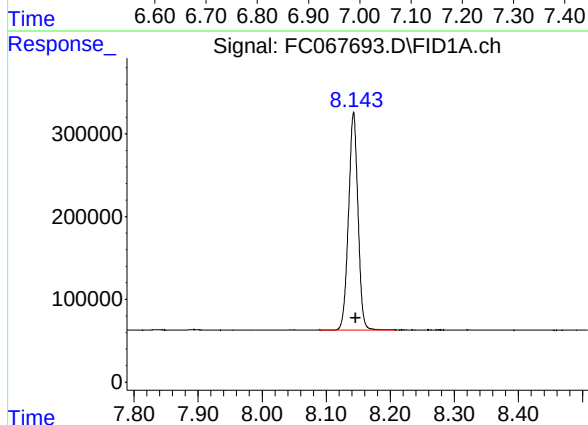
R.T.: 6.350 min
Delta R.T.: -0.003 min
Response: 2766685
Conc: 20.43 ug/ml



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

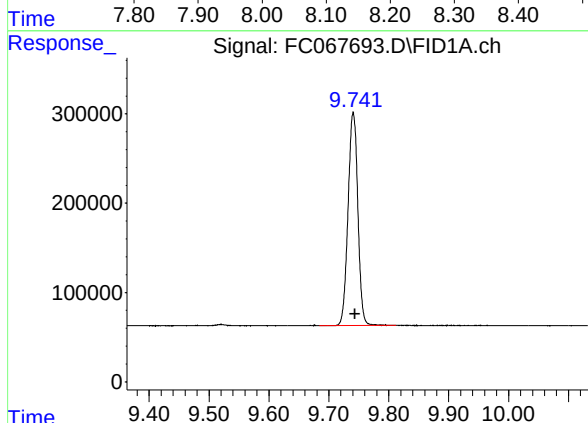
R.T.: 6.968 min
Delta R.T.: -0.004 min
Response: 2864809
Conc: 20.29 ug/ml

Instrument :
FID_D
ClientSampleId :



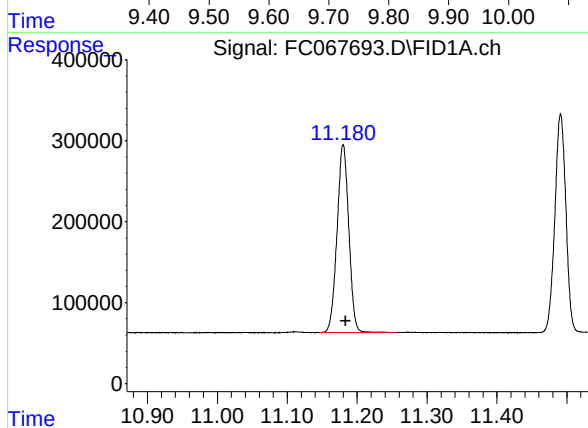
#6 n-Tetradecane (C14)

R.T.: 8.143 min
Delta R.T.: -0.003 min
Response: 2686691
Conc: 20.47 ug/ml



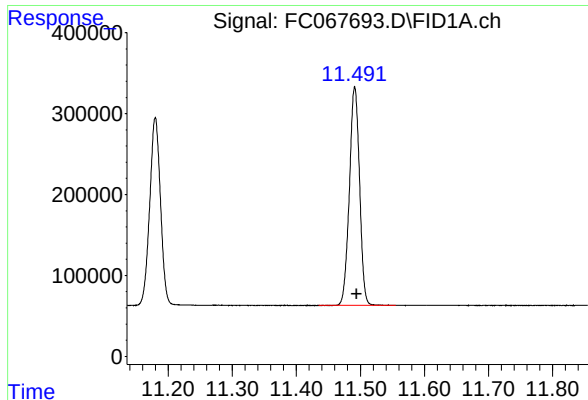
#7 n-Hexadecane (C16)

R.T.: 9.741 min
Delta R.T.: -0.003 min
Response: 2710282
Conc: 20.52 ug/ml



#8 n-Octadecane (C18)

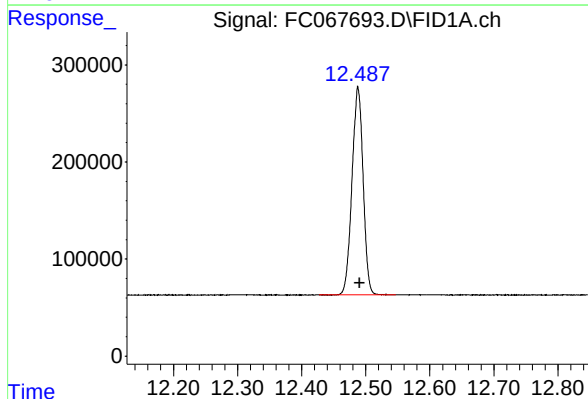
R.T.: 11.180 min
Delta R.T.: -0.004 min
Response: 2718857
Conc: 20.58 ug/ml



#9 ortho-Terphenyl (SURR)

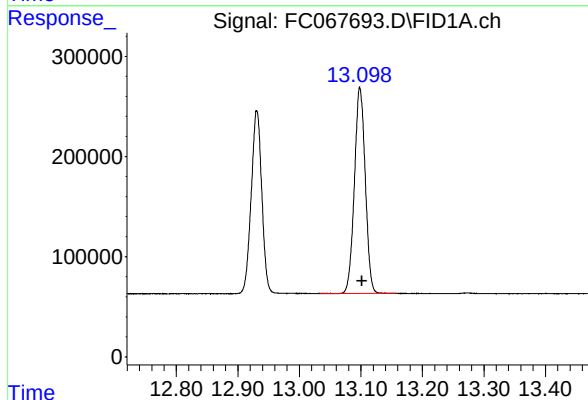
R.T.: 11.491 min
Delta R.T.: -0.003 min
Response: 2969962
Conc: 20.24 ug/ml

Instrument :
FID_D
ClientSampleId :



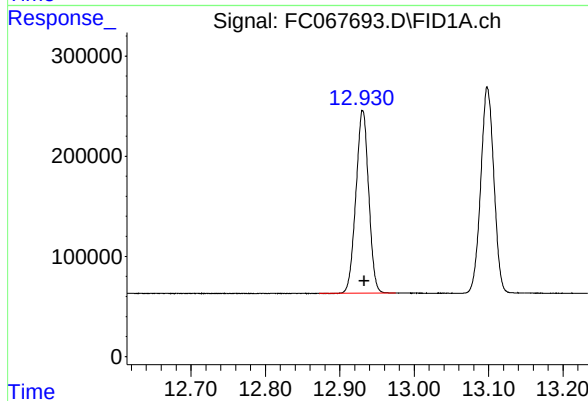
#10 n-Eicosane (C20)

R.T.: 12.488 min
Delta R.T.: -0.003 min
Response: 2578804
Conc: 20.44 ug/ml



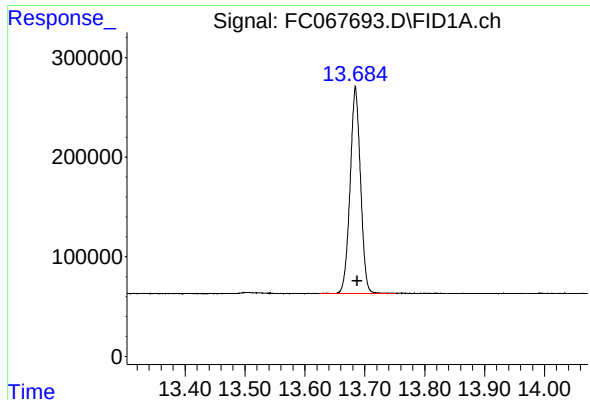
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.003 min
Response: 2521723
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

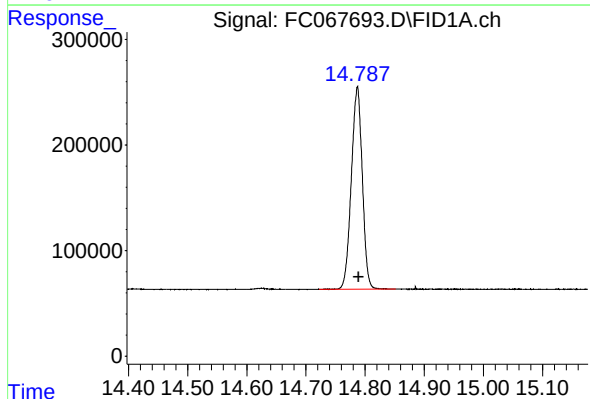
R.T.: 12.931 min
Delta R.T.: -0.002 min
Response: 2175788
Conc: 20.15 ug/ml



#13 n-Docosane (C22)

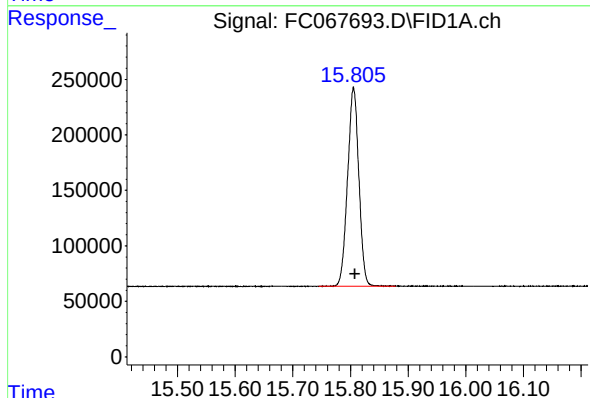
R.T.: 13.685 min
Delta R.T.: -0.003 min
Response: 2496079
Conc: 20.38 ug/ml

Instrument :
FID_D
ClientSampleId :



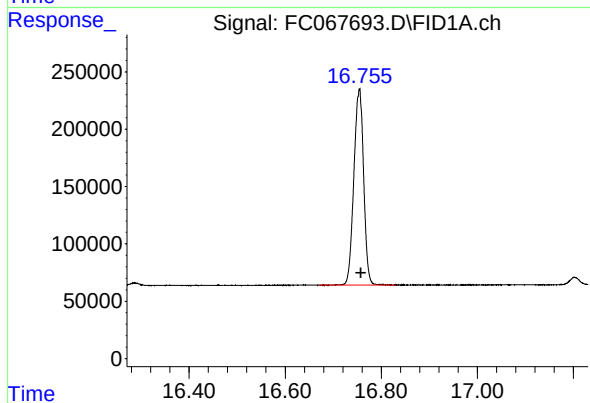
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: -0.003 min
Response: 2471040
Conc: 20.39 ug/ml



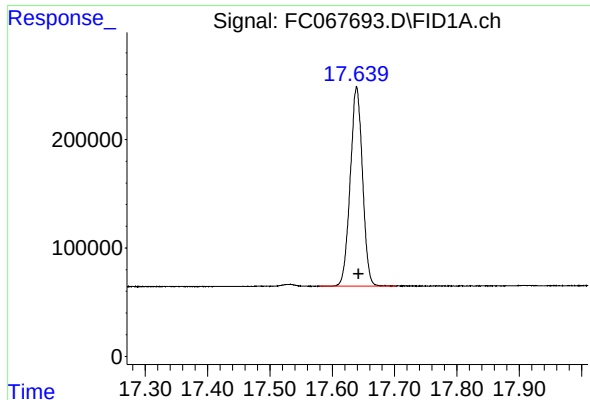
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: -0.002 min
Response: 2430708
Conc: 20.42 ug/ml



#16 n-Octacosane (C28)

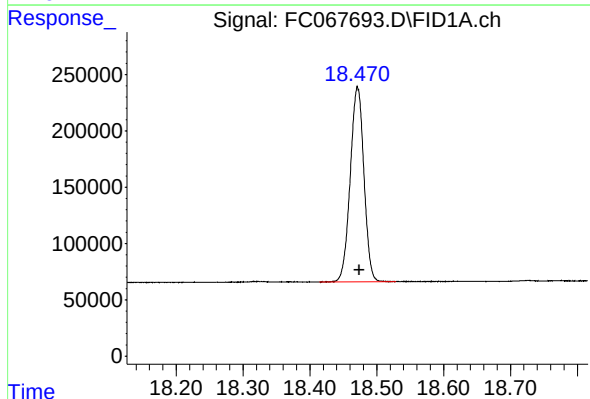
R.T.: 16.754 min
Delta R.T.: -0.004 min
Response: 2416795
Conc: 20.54 ug/ml



#17 n-Tricontane (C30)

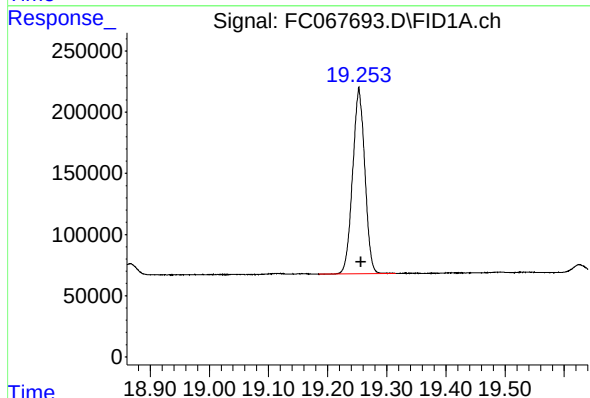
R.T.: 17.639 min
Delta R.T.: -0.003 min
Response: 2513534
Conc: 20.80 ug/ml

Instrument :
FID_D
ClientSampleId :



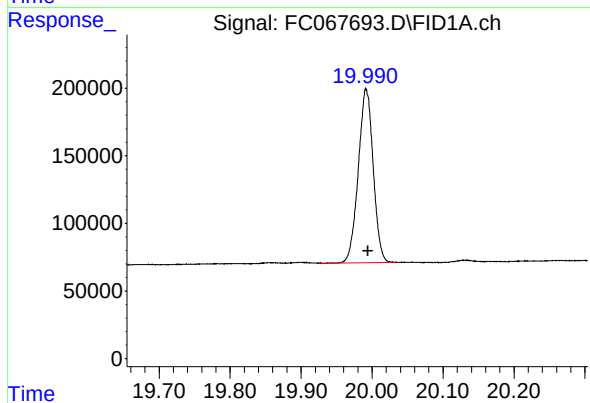
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: -0.003 min
Response: 2459220
Conc: 20.78 ug/ml



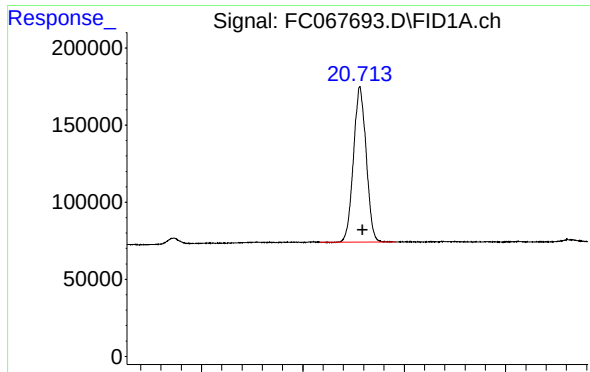
#19 n-Tetatriacontane (C34)

R.T.: 19.253 min
Delta R.T.: -0.003 min
Response: 2176002
Conc: 20.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.992 min
Delta R.T.: -0.003 min
Response: 1874299
Conc: 20.59 ug/ml



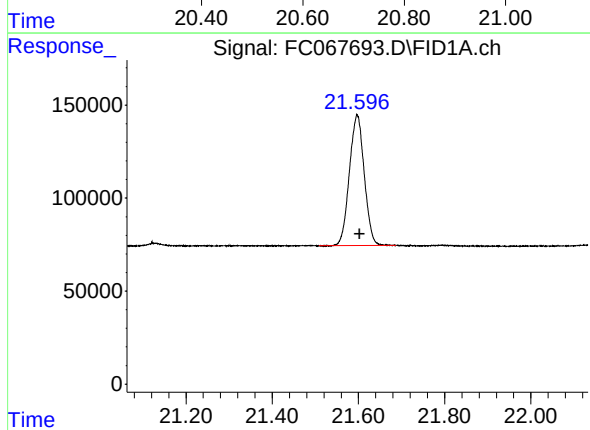
#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: -0.005 min
Response: 1756310
Conc: 20.28 ug/ml

Instrument :

FID_D

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: -0.006 min
Response: 1684190
Conc: 19.81 ug/ml