

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092024AL\
 Data File : FC067196.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 08:35
 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: Sep 21 03:17:29 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)	11.503	2421295	17.389 ug/ml
Spiked Amount 50.000		Recovery =	34.78%
12) S 1-chlorooctadecane (S...	12.942	1750967	17.924 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
Target Compounds			
1) T n-Nonane (C9)	3.276	2239706	16.885 ug/ml
2) T n-Decane (C10)	4.341	2302418	17.143 ug/ml
3) T A~Naphthalene (C11.7)	5.921	2431588	17.109 ug/ml
4) T n-Dodecane (C12)	6.358	2299022	17.175 ug/ml
5) T A~2-methylnaphthalene...	6.976	2294902	17.186 ug/ml
6) T n-Tetradecane (C14)	8.152	2237249	17.360 ug/ml
7) T n-Hexadecane (C16)	9.751	2261237	17.539 ug/ml
8) T n-Octadecane (C18)	11.192	2264819	17.702 ug/ml
10) T n-Eicosane (C20)	12.499	2127320	17.711 ug/ml
11) T n-Heneicosane (C21)	13.110	2069985	17.723 ug/ml
13) T n-Docosane (C22)	13.696	2044596	17.708 ug/ml
14) T n-Tetracosane (C24)	14.798	2032186	17.895 ug/ml
15) T n-Hexacosane (C26)	15.817	2000069	18.046 ug/ml
16) T n-Octacosane (C28)	16.766	2022324	18.722 ug/ml
17) T n-Tricontane (C30)	17.653	2156008	19.821 ug/ml
18) T n-Dotriacontane (C32)	18.483	2115978	20.286 ug/ml
19) T n-Tetratriacontane (C34)	19.267	1864453	20.209 ug/ml
20) T n-Hexatriacontane (C36)	20.006	1567335	19.778 ug/ml
21) T n-Octatriacontane (C38)	20.730	1392195	18.534 ug/ml
22) T n-Tetracontane (C40)	21.620	1254739	17.960 ug/ml

(f)=RT Delta > 1/2 Window

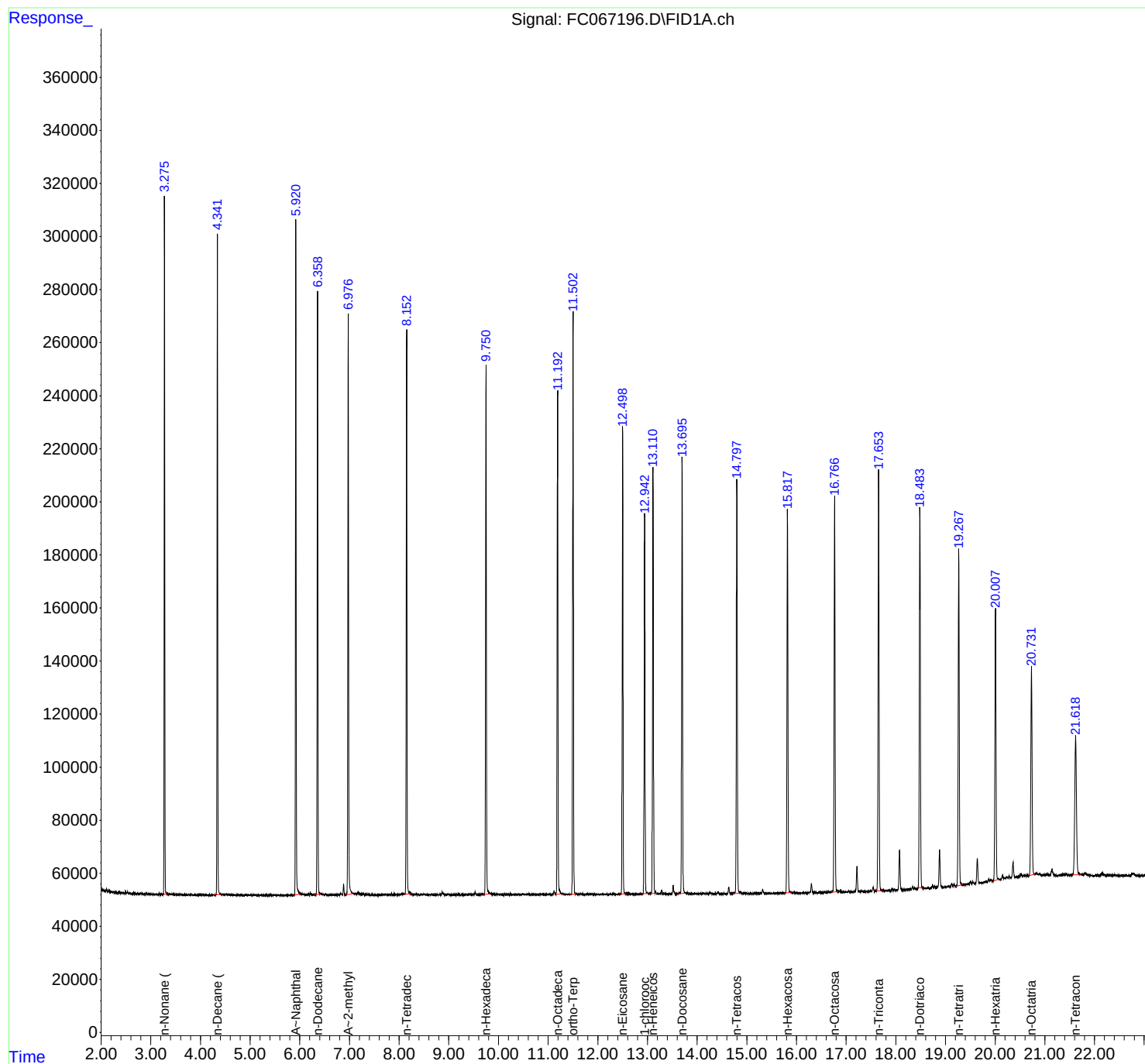
(m)=manual int.

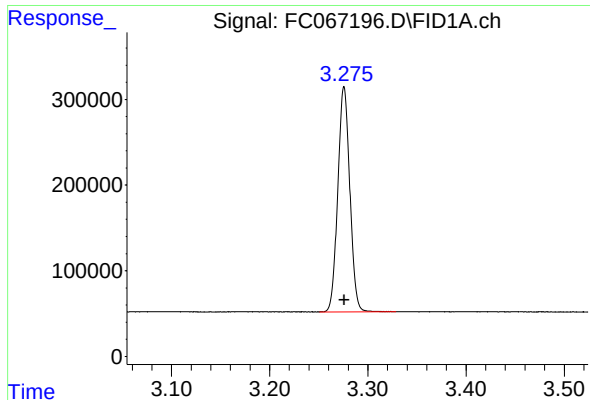
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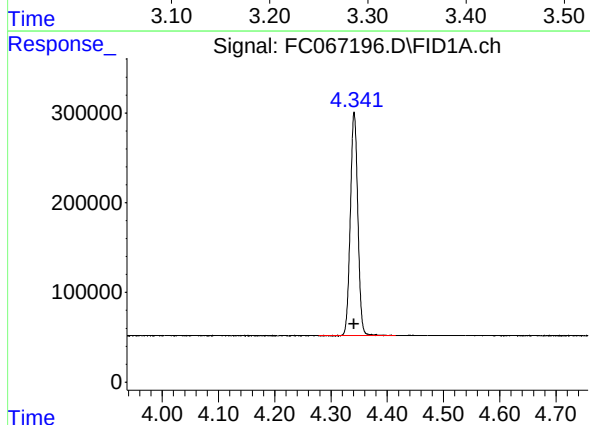




#1 n-Nonane (C9)

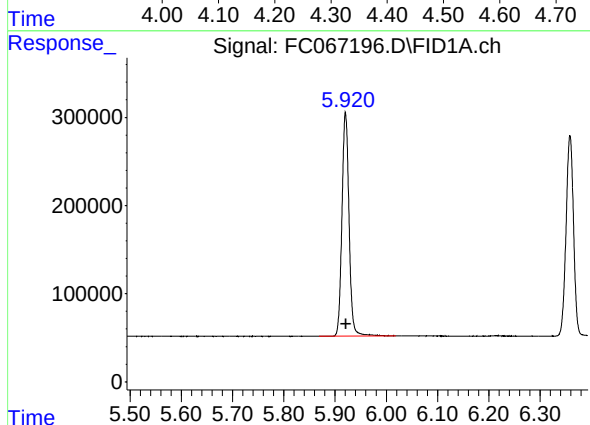
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 2239706
Conc: 16.88 ug/ml

Instrument :
FID_C
ClientSampleId :



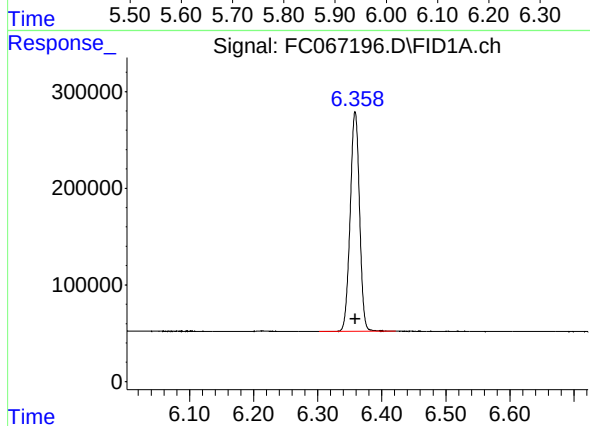
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 2302418
Conc: 17.14 ug/ml



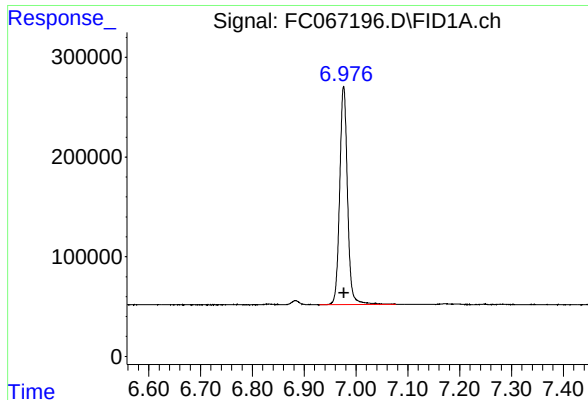
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 2431588
Conc: 17.11 ug/ml



#4 n-Dodecane (C12)

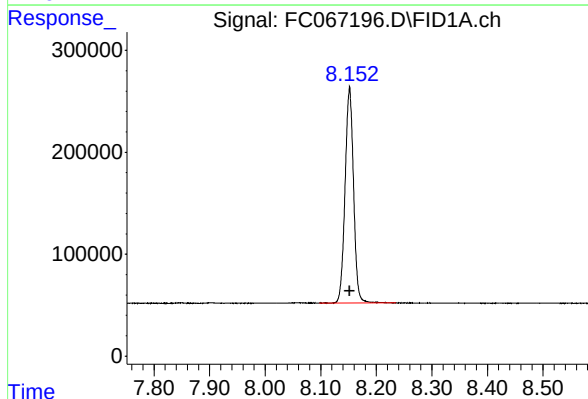
R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 2299022
Conc: 17.18 ug/ml



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

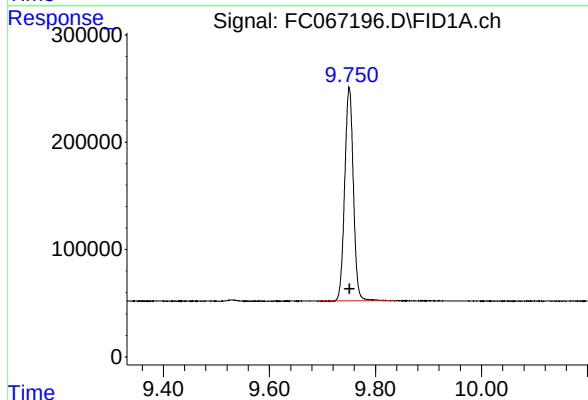
R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 2294902
Conc: 17.19 ug/ml

Instrument :
FID_C
ClientSampleId :



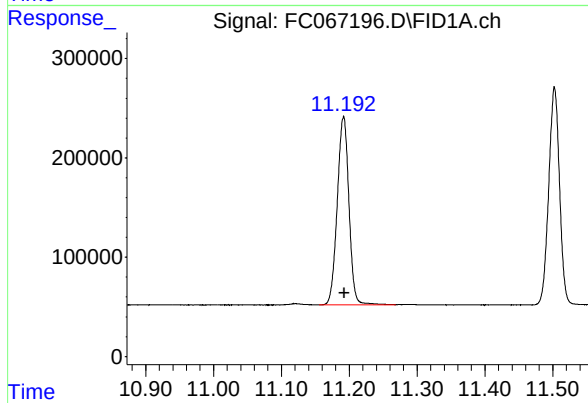
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 2237249
Conc: 17.36 ug/ml



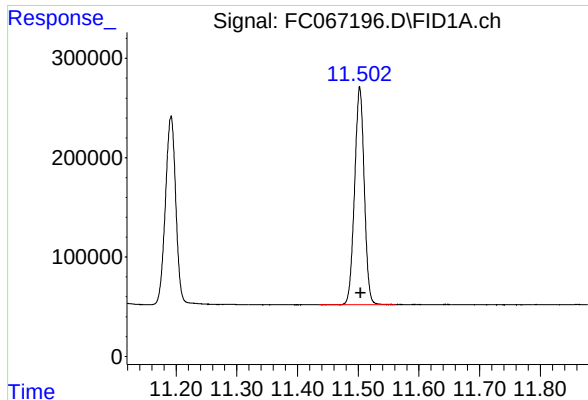
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: -0.001 min
Response: 2261237
Conc: 17.54 ug/ml



#8 n-Octadecane (C18)

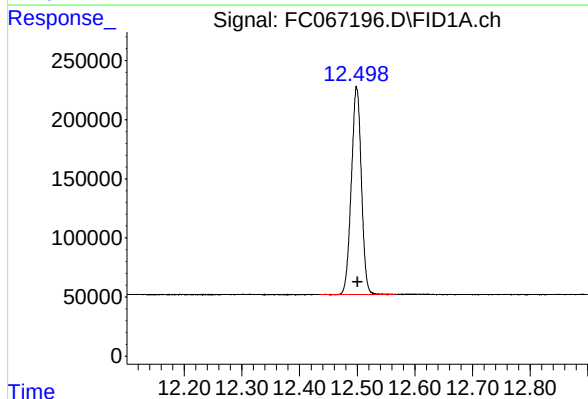
R.T.: 11.192 min
Delta R.T.: -0.001 min
Response: 2264819
Conc: 17.70 ug/ml



#9 ortho-Terphenyl (SURR)

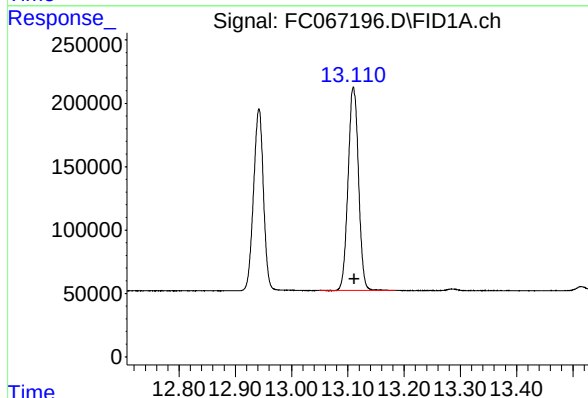
R.T.: 11.503 min
Delta R.T.: -0.002 min
Response: 2421295
Conc: 17.39 ug/ml

Instrument :
FID_C
ClientSampleId :



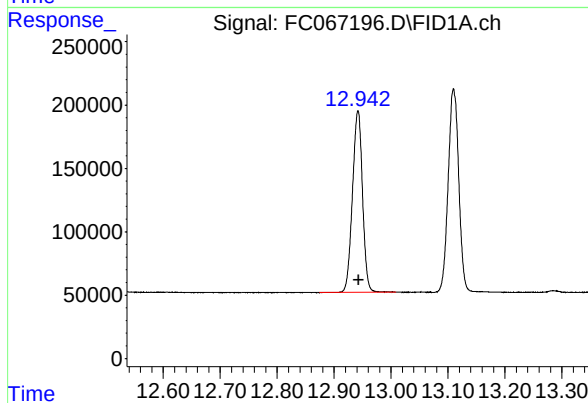
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.002 min
Response: 2127320
Conc: 17.71 ug/ml



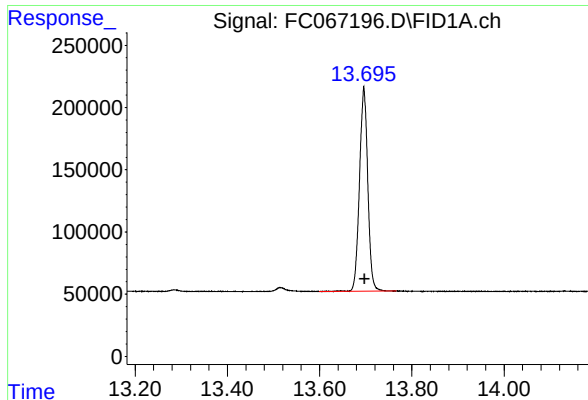
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.002 min
Response: 2069985
Conc: 17.72 ug/ml



#12 1-chlorooctadecane (SURR)

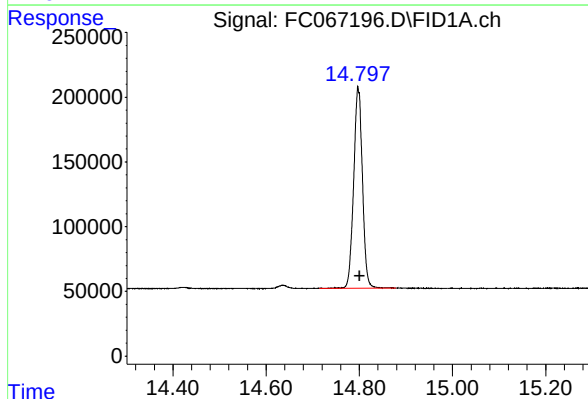
R.T.: 12.942 min
Delta R.T.: -0.002 min
Response: 1750967
Conc: 17.92 ug/ml



#13 n-Docosane (C22)

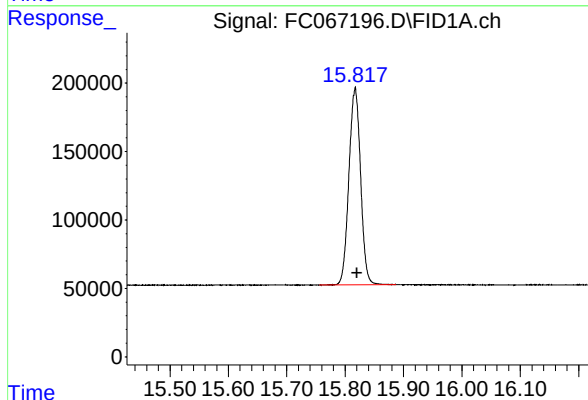
R.T.: 13.696 min
Delta R.T.: -0.001 min
Response: 2044596
Conc: 17.71 ug/ml

Instrument :
FID_C
ClientSampleId :



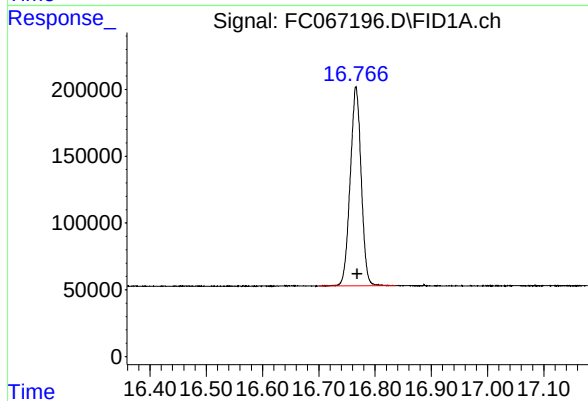
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: -0.003 min
Response: 2032186
Conc: 17.89 ug/ml



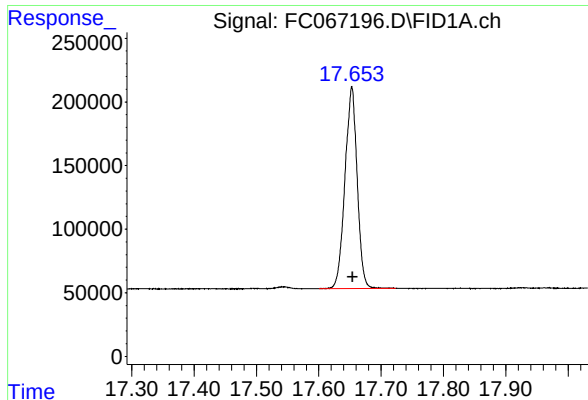
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: -0.003 min
Response: 2000069
Conc: 18.05 ug/ml



#16 n-Octacosane (C28)

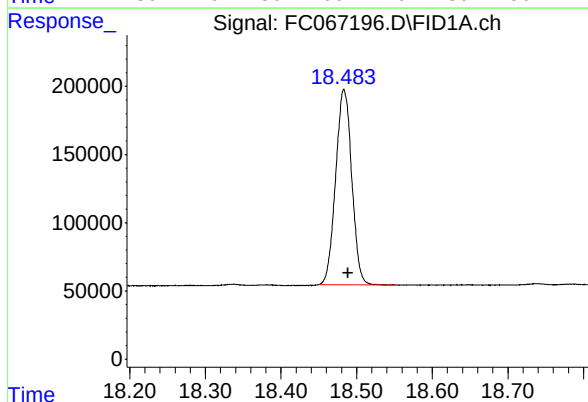
R.T.: 16.766 min
Delta R.T.: -0.002 min
Response: 2022324
Conc: 18.72 ug/ml



#17 n-Tricontane (C30)

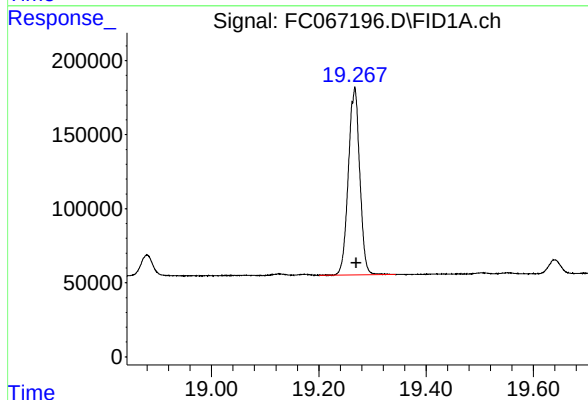
R.T.: 17.653 min
Delta R.T.: -0.001 min
Response: 2156008
Conc: 19.82 ug/ml

Instrument :
FID_C
ClientSampleId :



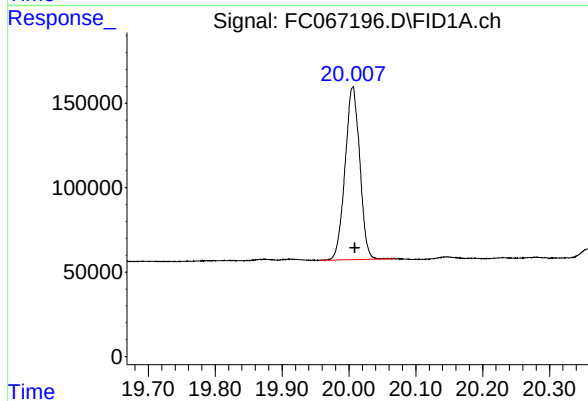
#18 n-Dotriacontane (C32)

R.T.: 18.483 min
Delta R.T.: -0.005 min
Response: 2115978
Conc: 20.29 ug/ml



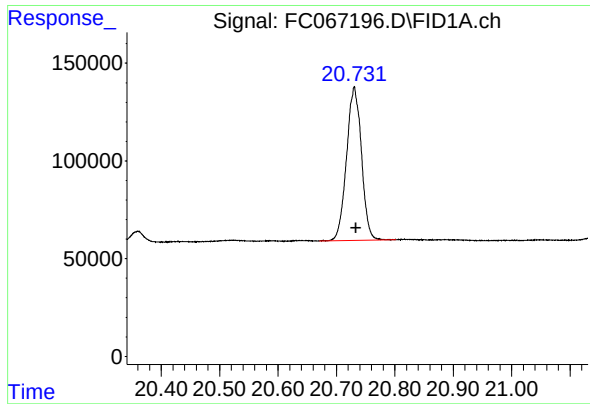
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.003 min
Response: 1864453
Conc: 20.21 ug/ml



#20 n-Hexatriacontane (C36)

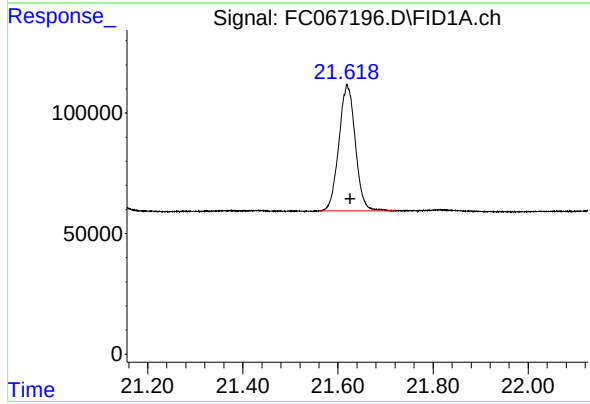
R.T.: 20.006 min
Delta R.T.: -0.003 min
Response: 1567335
Conc: 19.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: -0.003 min
Response: 1392195
Conc: 18.53 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.620 min
Delta R.T.: -0.007 min
Response: 1254739
Conc: 17.96 ug/ml