

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
 Data File : FC068853.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 17:41
 Operator : YP/AJ
 Sample : Q1987-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 GC1MS

Integration File: autoint1.e
 Quant Time: May 14 03:13:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 2025
 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)	11.709	3646047	31.944 ug/ml
Spiked Amount 50.000		Recovery =	63.89%
12) S 1-chlorooctadecane (S...	13.141	2889403	36.016 ug/ml
Spiked Amount 50.000		Recovery =	72.03%
Target Compounds			
1) T n-Nonane (C9)	3.445	3824941	38.029 ug/ml
2) T n-Decane (C10)	4.519	4387774	44.036 ug/ml
3) T A~Naphthalene (C11.7)	6.114	5314897	48.203 ug/ml
4) T n-Dodecane (C12)	6.542	4714507	48.514 ug/ml
5) T A~2-methylnaphthalene...	7.173	4980650	46.404 ug/ml
6) T n-Tetradecane (C14)	8.341	4959775	53.663 ug/ml
7) T n-Hexadecane (C16)	9.943	5178939	57.837 ug/ml
8) T n-Octadecane (C18)	11.386	5268092	60.057 ug/ml
10) T n-Eicosane (C20)	12.697	5445200	63.897 ug/ml
11) T n-Heneicosane (C21)	13.309	5234271	62.058 ug/ml
13) T n-Docosane (C22)	13.896	5224478	62.450 ug/ml
14) T n-Tetracosane (C24)	14.994	10677355	128.323 ug/ml
15) T n-Hexacosane (C26)	16.023	5125223	61.859 ug/ml
16) T n-Octacosane (C28)	16.972	5142575	62.224 ug/ml
17) T n-Tricontane (C30)	17.862	5107177	60.360 ug/ml
18) T n-Dotriacontane (C32)	18.694	5069289	58.852 ug/ml
19) T n-Tetratriacontane (C34)	19.478	5124982	60.152 ug/ml
20) T n-Hexatriacontane (C36)	20.218	4985804	58.009 ug/ml
21) T n-Octatriacontane (C38)	20.993	5006508	59.684 ug/ml
22) T n-Tetracontane (C40)	21.969	5044507	61.552 ug/ml

(f)=RT Delta > 1/2 Window

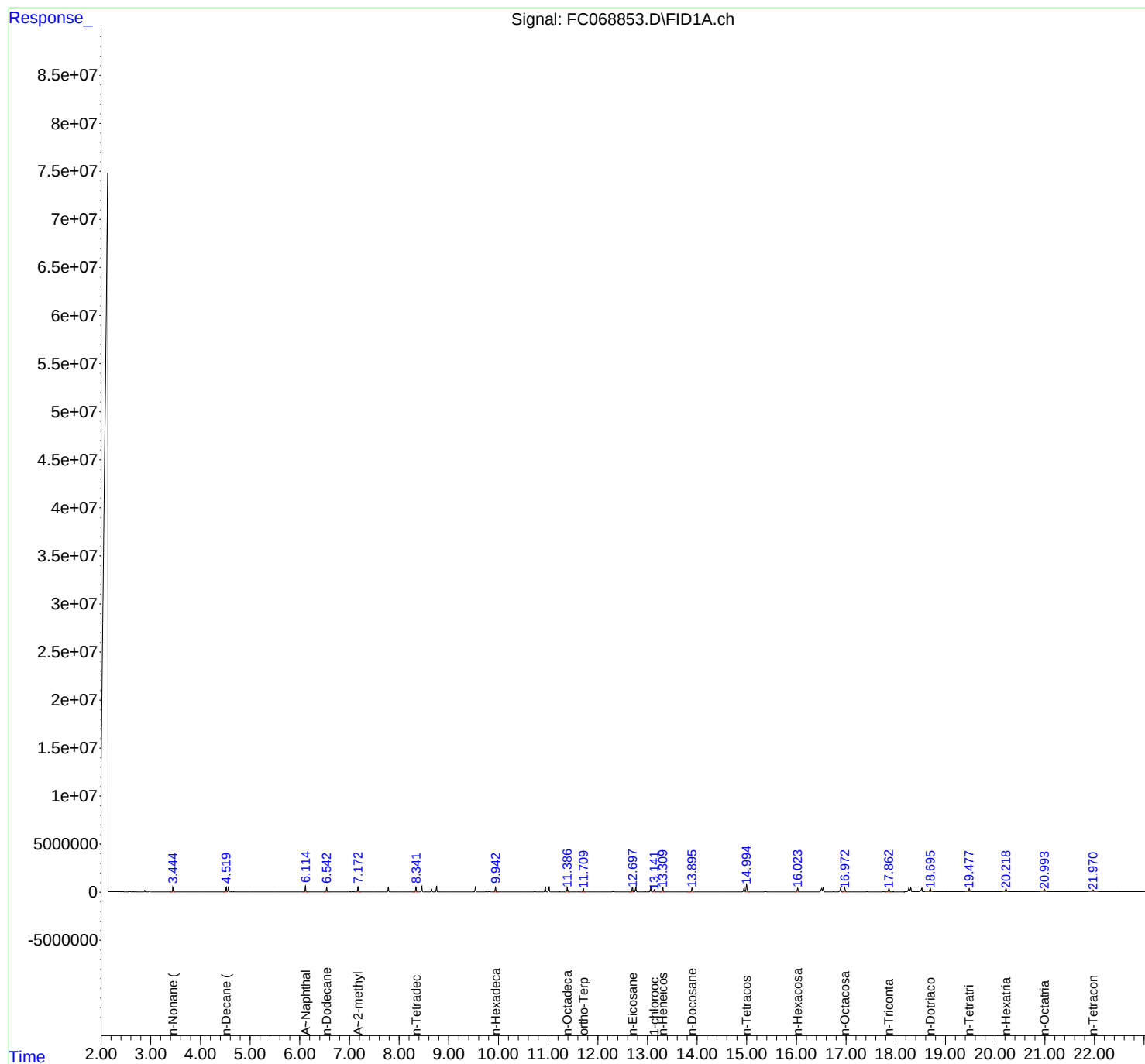
(m)=manual int.

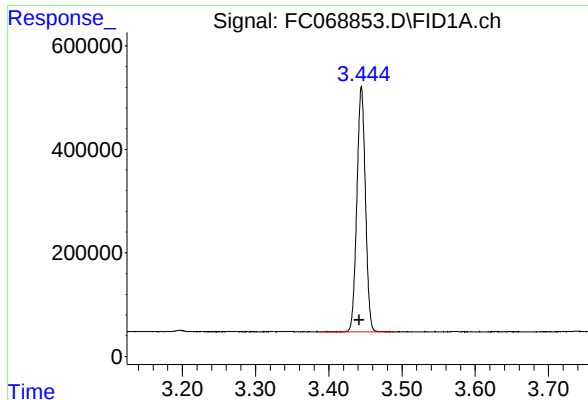
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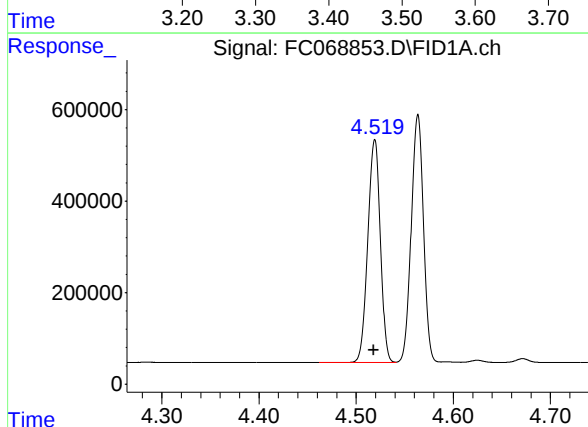




#1 n-Nonane (C9)

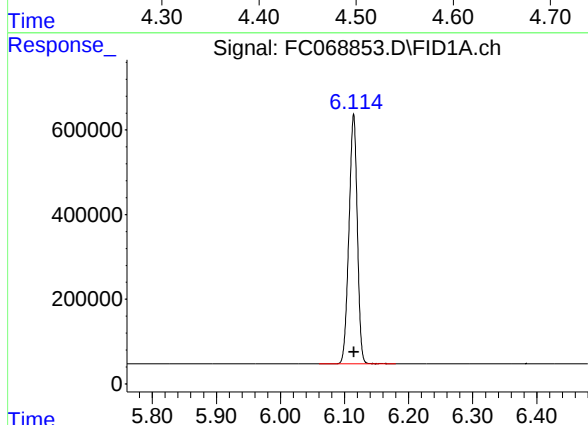
R.T.: 3.445 min
Delta R.T.: 0.003 min
Response: 3824941
Conc: 38.03 ug/ml

Instrument :
FID_C
ClientSampleId :
GC1MS



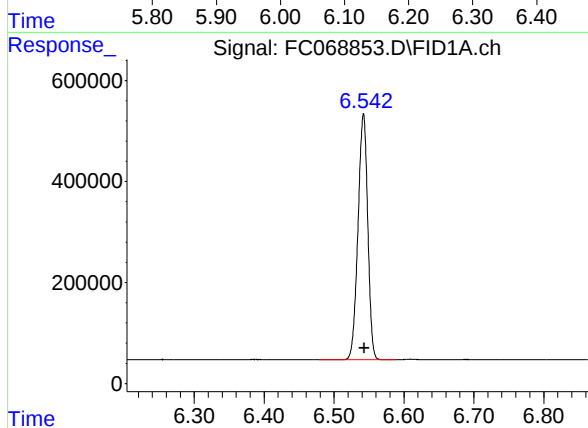
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.001 min
Response: 4387774
Conc: 44.04 ug/ml



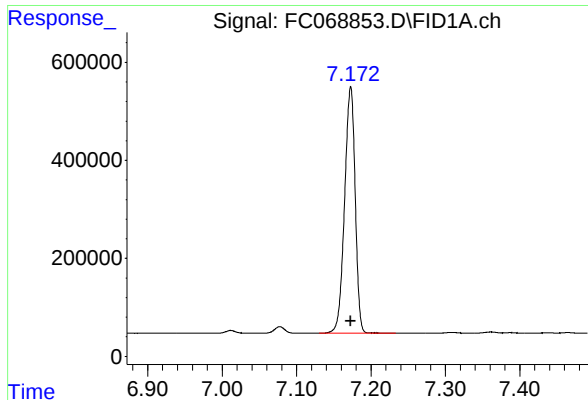
#3 A~Naphthalene (C11.7)

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 5314897
Conc: 48.20 ug/ml



#4 n-Dodecane (C12)

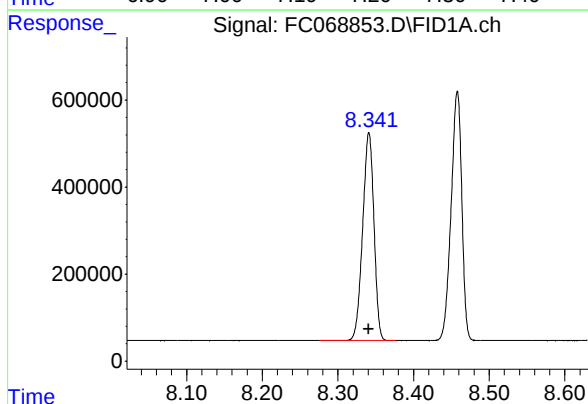
R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 4714507
Conc: 48.51 ug/ml



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

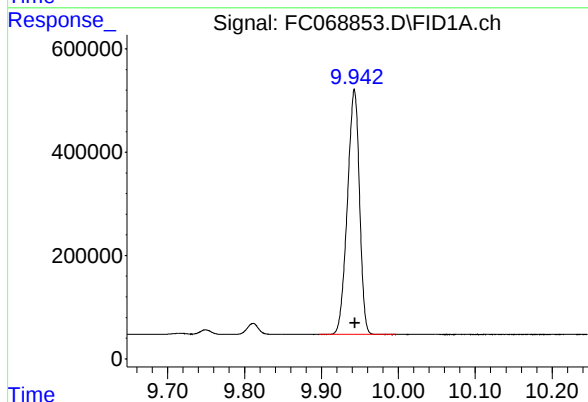
R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 4980650
Conc: 46.40 ug/ml

Instrument :
FID_C
ClientSampleId :
GC1MS



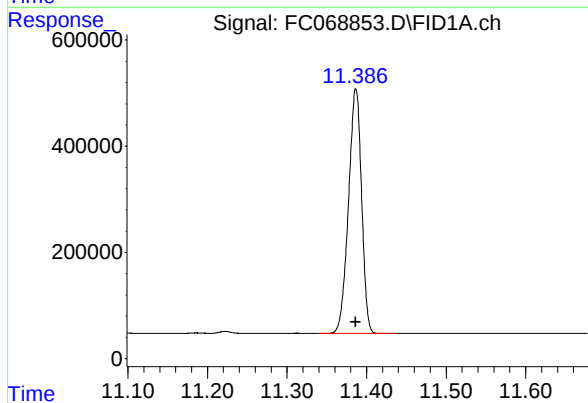
#6 n-Tetradecane (C14)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 4959775
Conc: 53.66 ug/ml



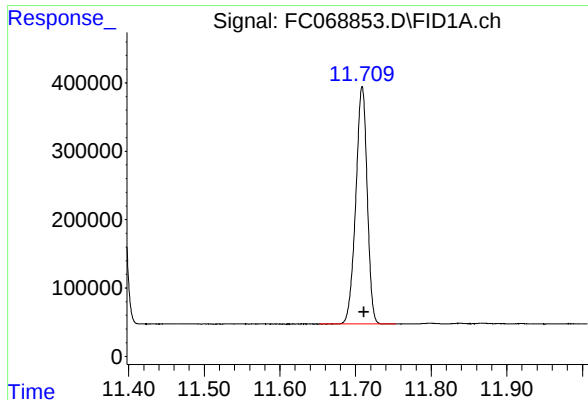
#7 n-Hexadecane (C16)

R.T.: 9.943 min
Delta R.T.: 0.000 min
Response: 5178939
Conc: 57.84 ug/ml



#8 n-Octadecane (C18)

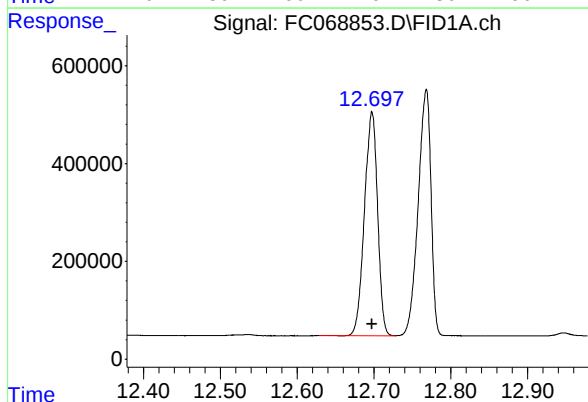
R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 5268092
Conc: 60.06 ug/ml



#9 ortho-Terphenyl (SURR)

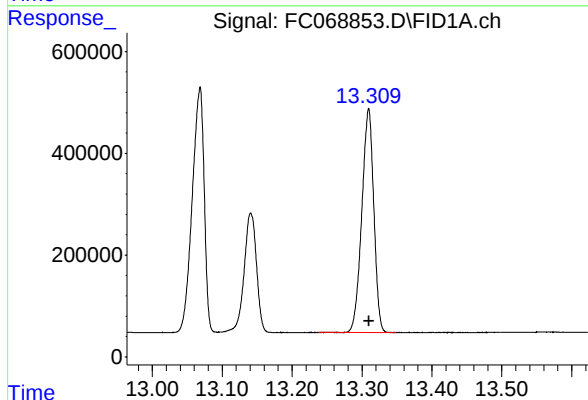
R.T.: 11.709 min
Delta R.T.: -0.002 min
Response: 3646047
Conc: 31.94 ug/ml

Instrument :
FID_C
ClientSampleId :
GC1MS



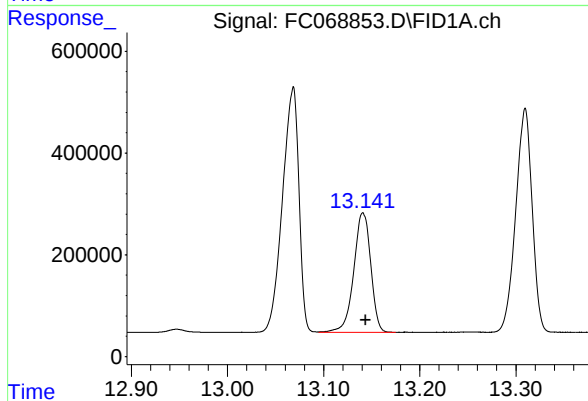
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: 0.000 min
Response: 5445200
Conc: 63.90 ug/ml



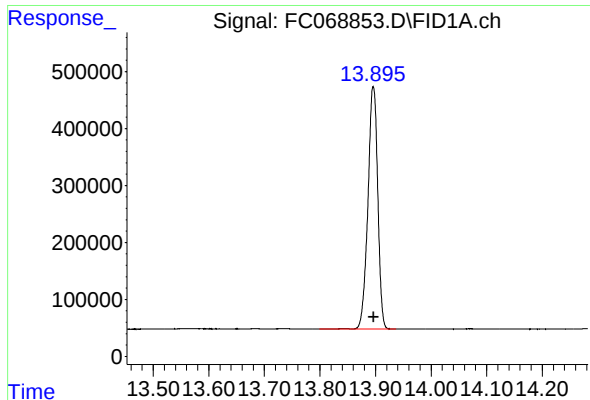
#11 n-Heneicosane (C21)

R.T.: 13.309 min
Delta R.T.: 0.000 min
Response: 5234271
Conc: 62.06 ug/ml



#12 1-chlorooctadecane (SURR)

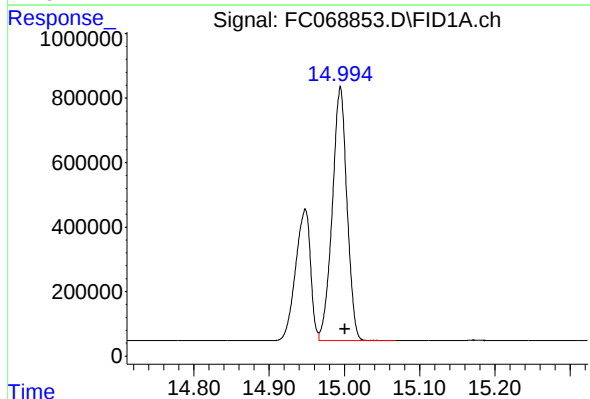
R.T.: 13.141 min
Delta R.T.: -0.003 min
Response: 2889403
Conc: 36.02 ug/ml



#13 n-Docosane (C22)

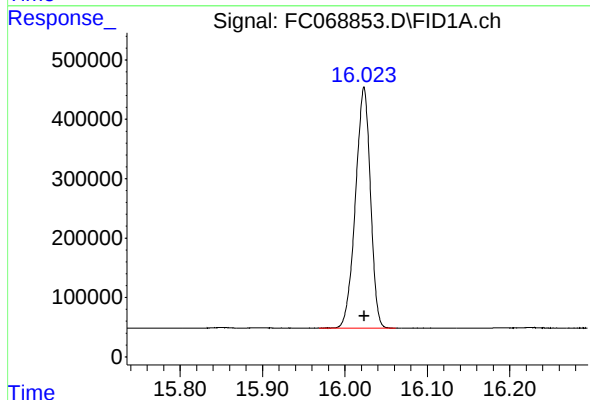
R.T.: 13.896 min
Delta R.T.: 0.000 min
Response: 5224478
Conc: 62.45 ug/ml

Instrument :
FID_C
ClientSampleId :
GC1MS



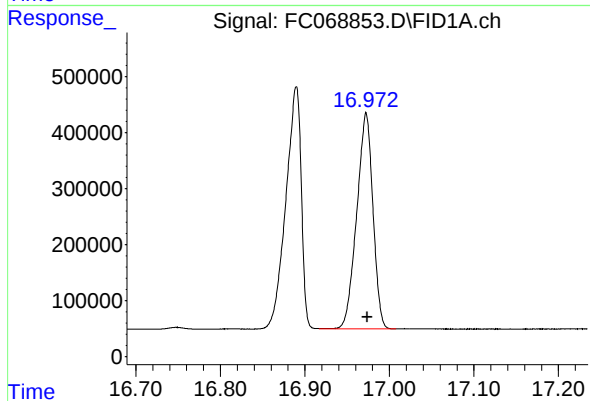
#14 n-Tetracosane (C24)

R.T.: 14.994 min
Delta R.T.: -0.006 min
Response: 10677355
Conc: 128.32 ug/ml



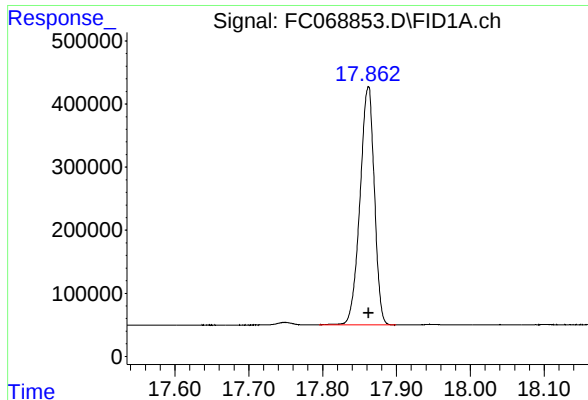
#15 n-Hexacosane (C26)

R.T.: 16.023 min
Delta R.T.: 0.000 min
Response: 5125223
Conc: 61.86 ug/ml



#16 n-Octacosane (C28)

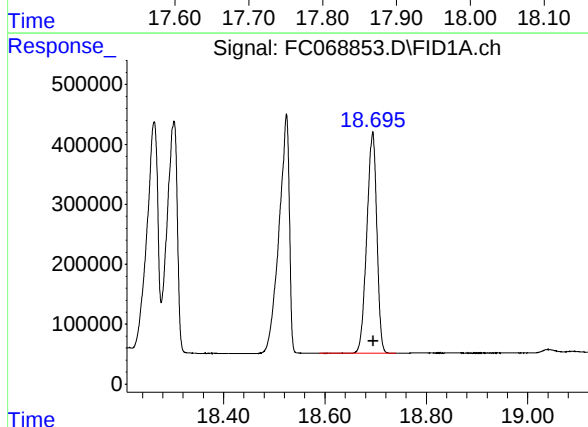
R.T.: 16.972 min
Delta R.T.: -0.002 min
Response: 5142575
Conc: 62.22 ug/ml



#17 n-Tricontane (C30)

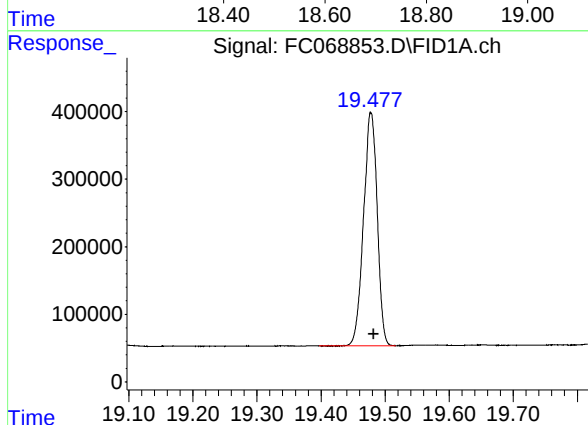
R.T.: 17.862 min
Delta R.T.: 0.000 min
Response: 5107177
Conc: 60.36 ug/ml

Instrument :
FID_C
ClientSampleId :
GC1MS



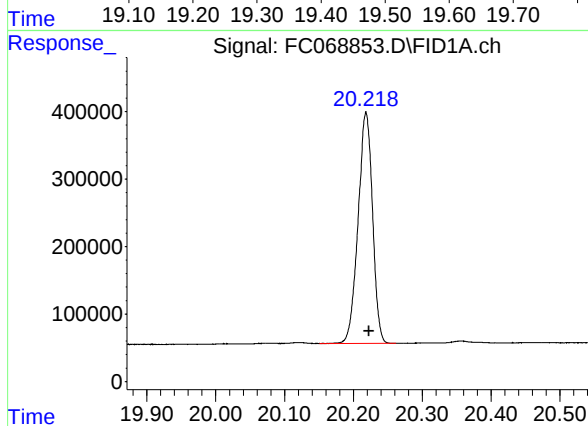
#18 n-Dotriacontane (C32)

R.T.: 18.694 min
Delta R.T.: -0.002 min
Response: 5069289
Conc: 58.85 ug/ml



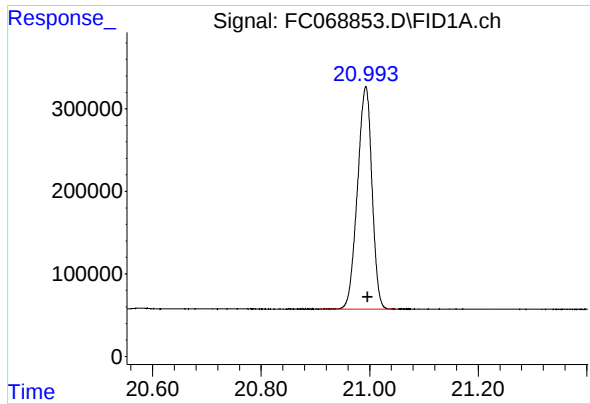
#19 n-Tetratriacontane (C34)

R.T.: 19.478 min
Delta R.T.: -0.004 min
Response: 5124982
Conc: 60.15 ug/ml



#20 n-Hexatriacontane (C36)

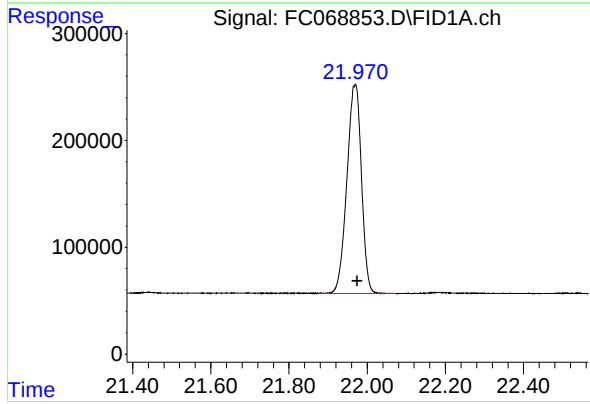
R.T.: 20.218 min
Delta R.T.: -0.004 min
Response: 4985804
Conc: 58.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.993 min
Delta R.T.: -0.004 min
Response: 5006508
Conc: 59.68 ug/ml

Instrument :
FID_C
ClientSampleId :
GC1MS



#22 n-Tetracontane (C40)

R.T.: 21.969 min
Delta R.T.: -0.006 min
Response: 5044507
Conc: 61.55 ug/ml