

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061724AL\
 Data File : FC066609.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jun 2024 10:38
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jun 17 12:35:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 12:31:48 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)	11.559	15597059	95.658 ug/ml
Spiked Amount 50.000		Recovery =	191.32%
12) S 1-chlorooctadecane (S...	12.994	12335833	94.748 ug/ml
Spiked Amount 50.000		Recovery =	189.50%
Target Compounds			
1) T n-Nonane (C9)	3.303	13023725	95.363 ug/ml
2) T n-Decane (C10)	4.372	13387531	95.368 ug/ml
3) T A~Naphthalene (C11.7)	5.961	14596359	95.607 ug/ml
4) T n-Dodecane (C12)	6.394	13644509	95.580 ug/ml
5) T A~2-methylnaphthalene...	7.020	14362208	95.665 ug/ml
6) T n-Tetradecane (C14)	8.192	13732604	95.787 ug/ml
7) T n-Hexadecane (C16)	9.796	14529532	95.926 ug/ml
8) T n-Octadecane (C18)	11.241	14950159	95.373 ug/ml
10) T n-Eicosane (C20)	12.550	14516659	94.746 ug/ml
11) T n-Heneicosane (C21)	13.163	14277811	94.242 ug/ml
13) T n-Docosane (C22)	13.749	14136433	93.852 ug/ml
14) T n-Tetracosane (C24)	14.852	13791935	93.016 ug/ml
15) T n-Hexacosane (C26)	15.874	13152350	92.570 ug/ml
16) T n-Octacosane (C28)	16.823	12427284	92.480 ug/ml
17) T n-Tricontane (C30)	17.711	12107944	93.137 ug/ml
18) T n-Dotriacontane (C32)	18.544	11504515	93.621 ug/ml
19) T n-Tetratriacontane (C34)	19.328	10970970	94.698 ug/ml
20) T n-Hexatriacontane (C36)	20.068	10429224	91.945 ug/ml
21) T n-Octatriacontane (C38)	20.803	10201039	94.752 ug/ml
22) T n-Tetracontane (C40)	21.716	10161010	96.737 ug/ml

(f)=RT Delta > 1/2 Window

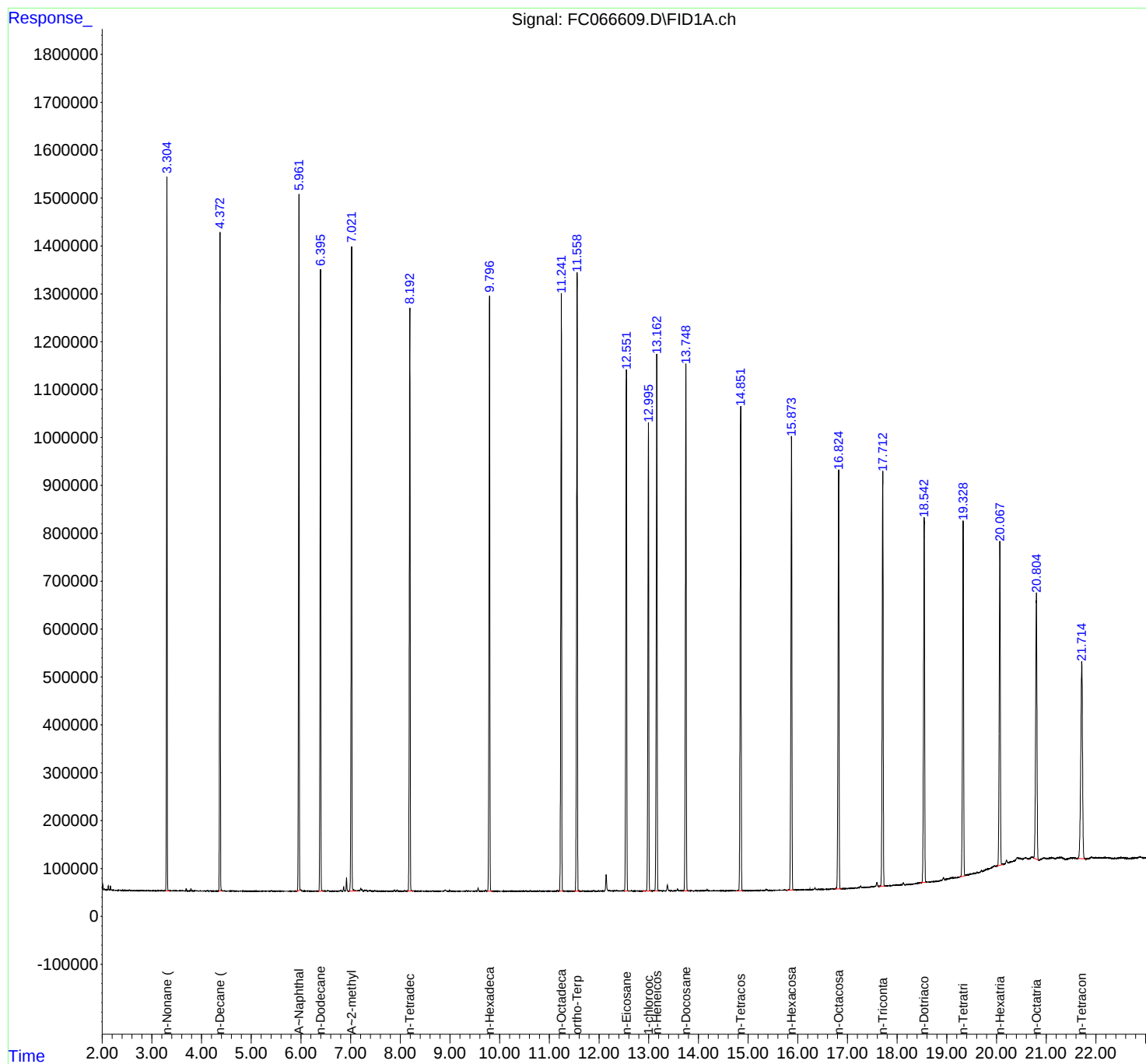
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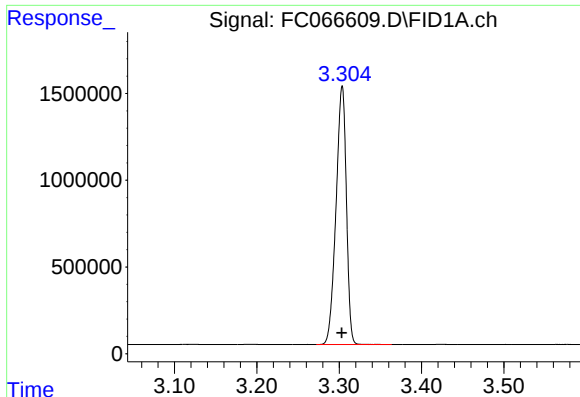
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Signal Info : 20M x 0.18mm x 0.18um

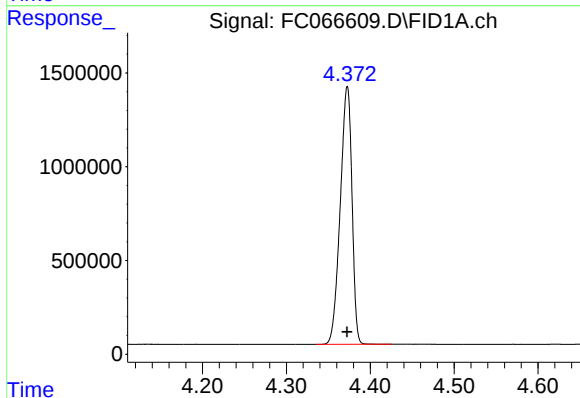




#1 n-Nonane (C9)

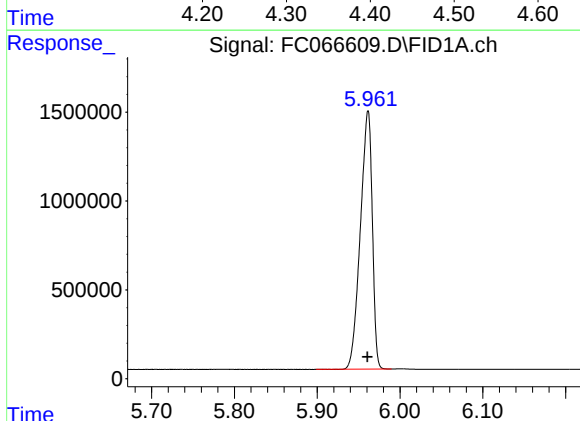
R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 13023725
Conc: 95.36 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



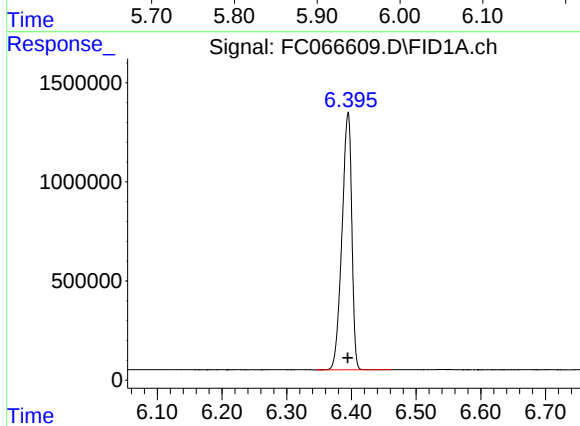
#2 n-Decane (C10)

R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 13387531
Conc: 95.37 ug/ml



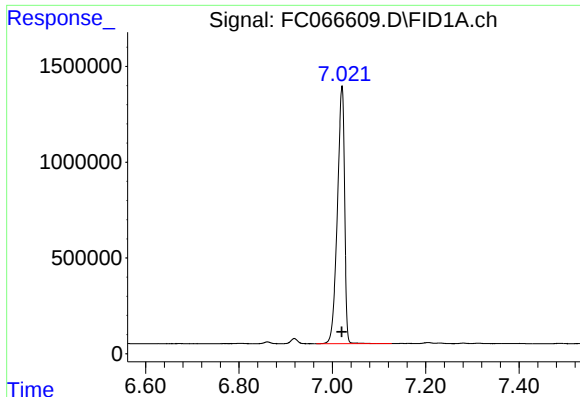
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 14596359
Conc: 95.61 ug/ml



#4 n-Dodecane (C12)

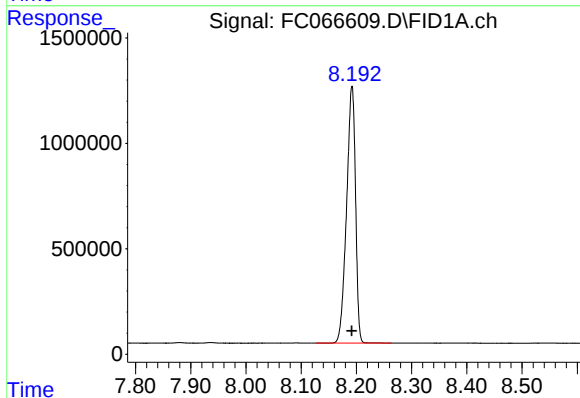
R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 13644509
Conc: 95.58 ug/ml



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

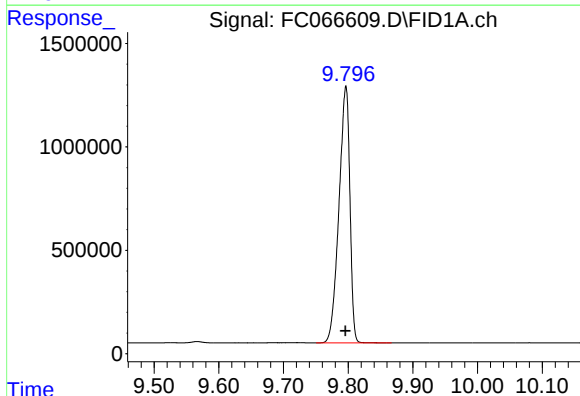
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 14362208
Conc: 95.67 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



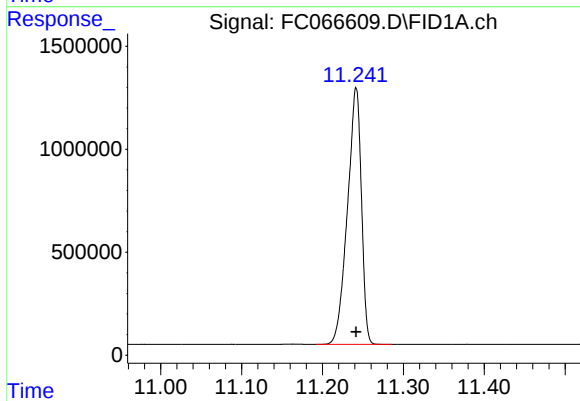
#6 n-Tetradecane (C14)

R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 13732604
Conc: 95.79 ug/ml



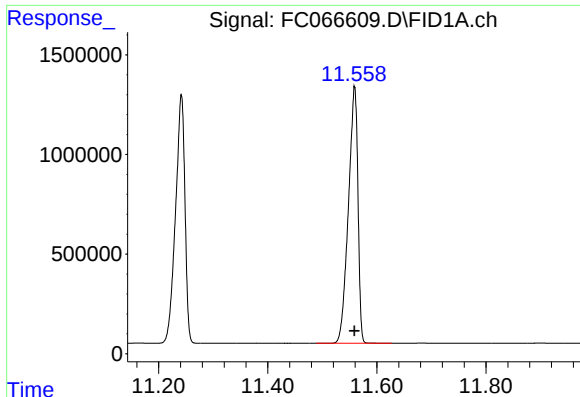
#7 n-Hexadecane (C16)

R.T.: 9.796 min
Delta R.T.: 0.000 min
Response: 14529532
Conc: 95.93 ug/ml



#8 n-Octadecane (C18)

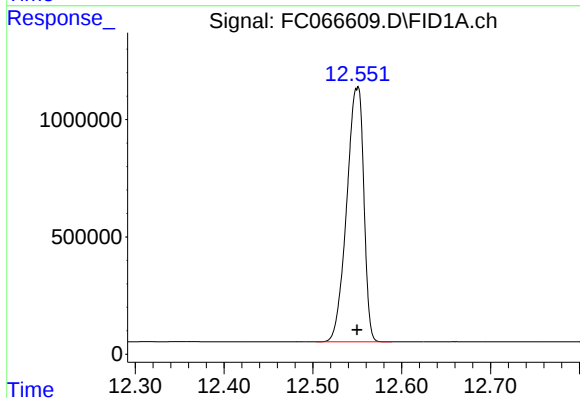
R.T.: 11.241 min
Delta R.T.: 0.000 min
Response: 14950159
Conc: 95.37 ug/ml



#9 ortho-Terphenyl (SURR)

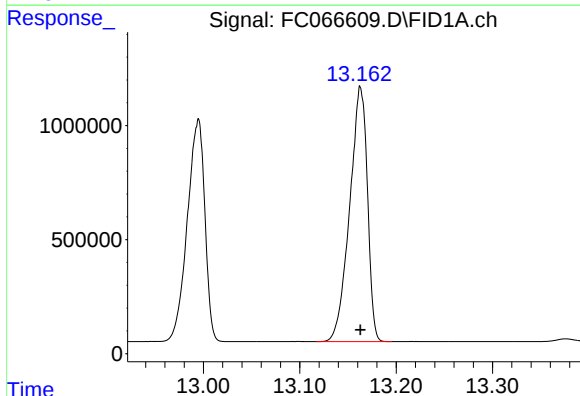
R.T.: 11.559 min
Delta R.T.: 0.000 min
Response: 15597059
Conc: 95.66 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



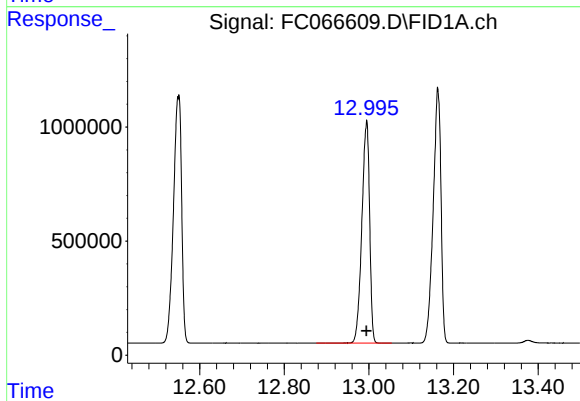
#10 n-Eicosane (C20)

R.T.: 12.550 min
Delta R.T.: 0.000 min
Response: 14516659
Conc: 94.75 ug/ml



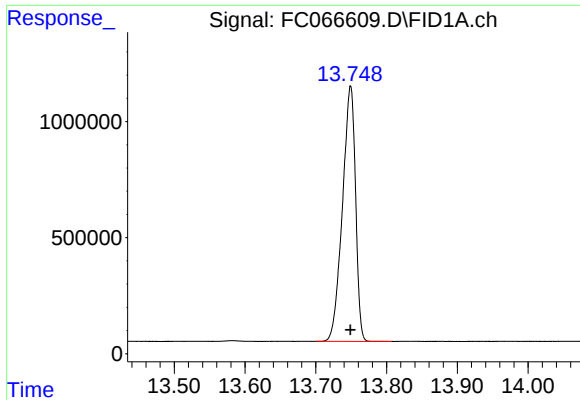
#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: 0.000 min
Response: 14277811
Conc: 94.24 ug/ml



#12 1-chlorooctadecane (SURR)

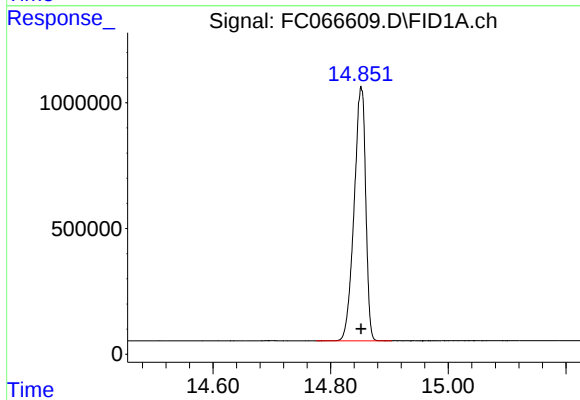
R.T.: 12.994 min
Delta R.T.: 0.000 min
Response: 12335833
Conc: 94.75 ug/ml



#13 n-Docosane (C22)

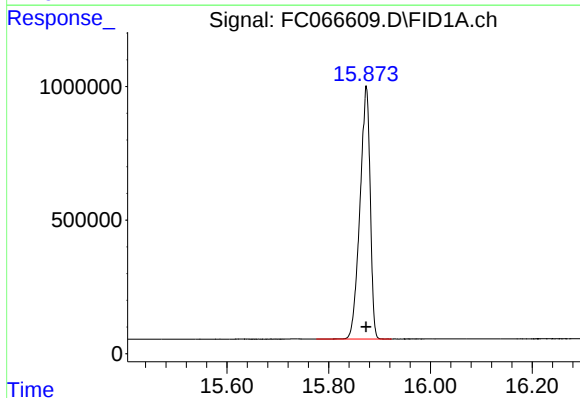
R.T.: 13.749 min
Delta R.T.: 0.000 min
Response: 14136433
Conc: 93.85 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



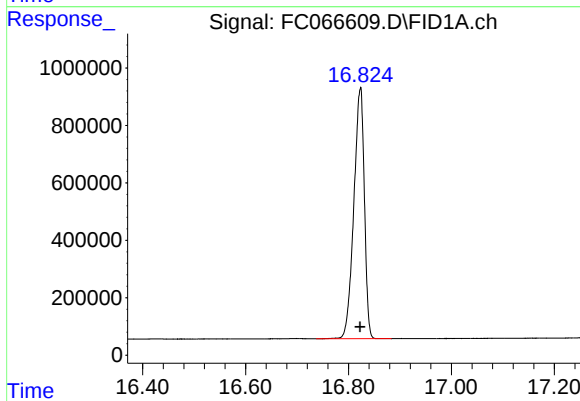
#14 n-Tetracosane (C24)

R.T.: 14.852 min
Delta R.T.: 0.000 min
Response: 13791935
Conc: 93.02 ug/ml



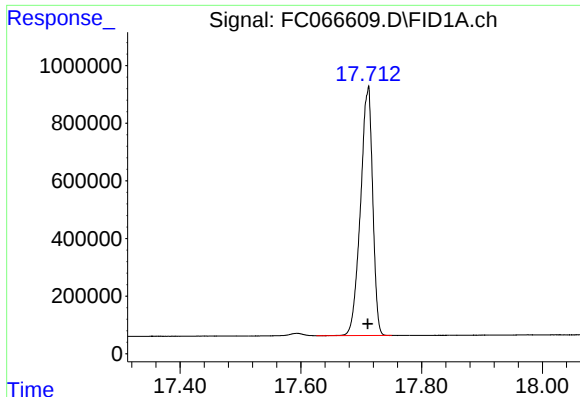
#15 n-Hexacosane (C26)

R.T.: 15.874 min
Delta R.T.: 0.000 min
Response: 13152350
Conc: 92.57 ug/ml



#16 n-Octacosane (C28)

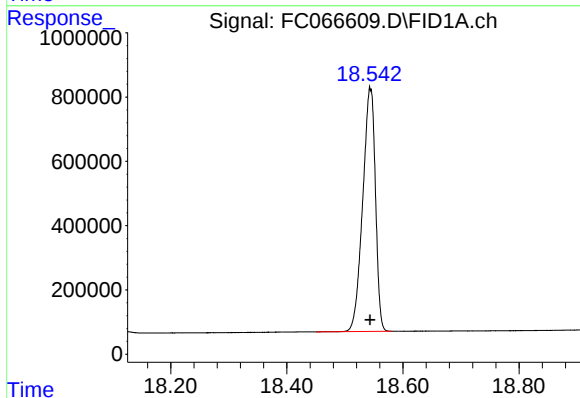
R.T.: 16.823 min
Delta R.T.: 0.000 min
Response: 12427284
Conc: 92.48 ug/ml



#17 n-Tricontane (C30)

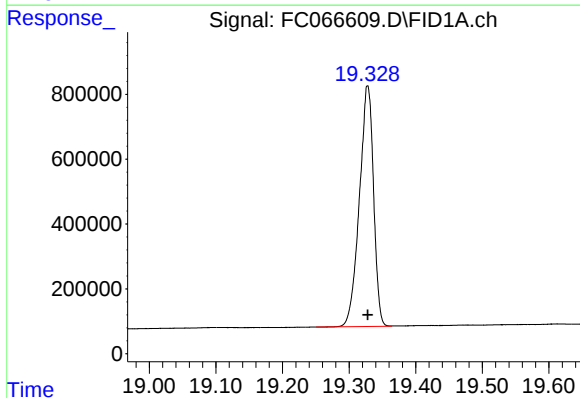
R.T.: 17.711 min
Delta R.T.: 0.000 min
Response: 12107944
Conc: 93.14 ug/ml

Instrument :
FID_C
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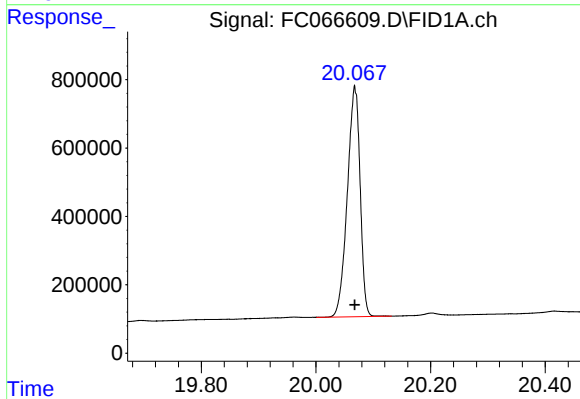
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: 0.000 min
Response: 11504515
Conc: 93.62 ug/ml



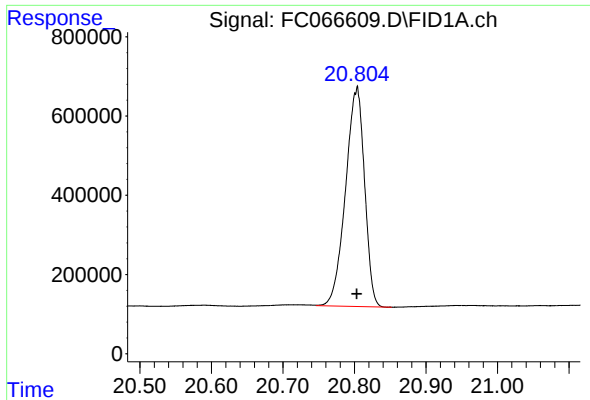
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: 0.000 min
Response: 10970970
Conc: 94.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.068 min
Delta R.T.: 0.000 min
Response: 10429224
Conc: 91.94 ug/ml



#21 n-Octatriacontane (C38)

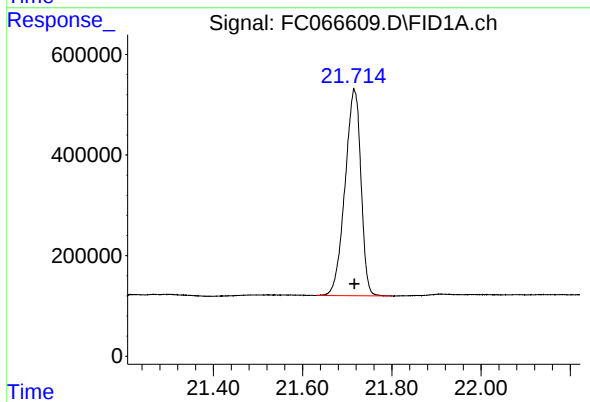
R.T.: 20.803 min
Delta R.T.: 0.000 min
Response: 10201039
Conc: 94.75 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.716 min
Delta R.T.: 0.000 min
Response: 10161010
Conc: 96.74 ug/ml