

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091024AL\
 Data File : FC067077.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2024 13:40
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: sample.E
 Quant Time: Sep 11 02:55:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:43:38 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)	11.504	755299	5.424 ug/ml
Spiked Amount 50.000		Recovery =	10.85%
12) S 1-chlorooctadecane (S...	12.943	504187	5.161 ug/ml
Spiked Amount 50.000		Recovery =	10.32%
Target Compounds			
1) T n-Nonane (C9)	3.276	729174	5.497 ug/ml
2) T n-Decane (C10)	4.341	731774	5.448 ug/ml
3) T A~Naphthalene (C11.7)	5.921	759300	5.343 ug/ml
4) T n-Dodecane (C12)	6.358	733779	5.482 ug/ml
5) T A~2-methylnaphthalene...	6.977	702152	5.258 ug/ml
6) T n-Tetradecane (C14)	8.152	700268	5.434 ug/ml
7) T n-Hexadecane (C16)	9.752	696687	5.404 ug/ml
8) T n-Octadecane (C18)	11.193	691467	5.405 ug/ml
10) T n-Eicosane (C20)	12.501	646789	5.385 ug/ml
11) T n-Heneicosane (C21)	13.112	624925	5.351 ug/ml
13) T n-Docosane (C22)	13.697	619054	5.362 ug/ml
14) T n-Tetracosane (C24)	14.801	609641	5.368 ug/ml
15) T n-Hexacosane (C26)	15.820	593015	5.351 ug/ml
16) T n-Octacosane (C28)	16.768	580465	5.374 ug/ml
17) T n-Tricontane (C30)	17.654	589388	5.418 ug/ml
18) T n-Dotriacontane (C32)	18.488	569622	5.461 ug/ml
19) T n-Tetratriacontane (C34)	19.270	502439	5.446 ug/ml
20) T n-Hexatriacontane (C36)	20.009	422298	5.329 ug/ml
21) T n-Octatriacontane (C38)	20.733	403620	5.373 ug/ml
22) T n-Tetracontane (C40)	21.627	373436	5.345 ug/ml

(f)=RT Delta > 1/2 Window

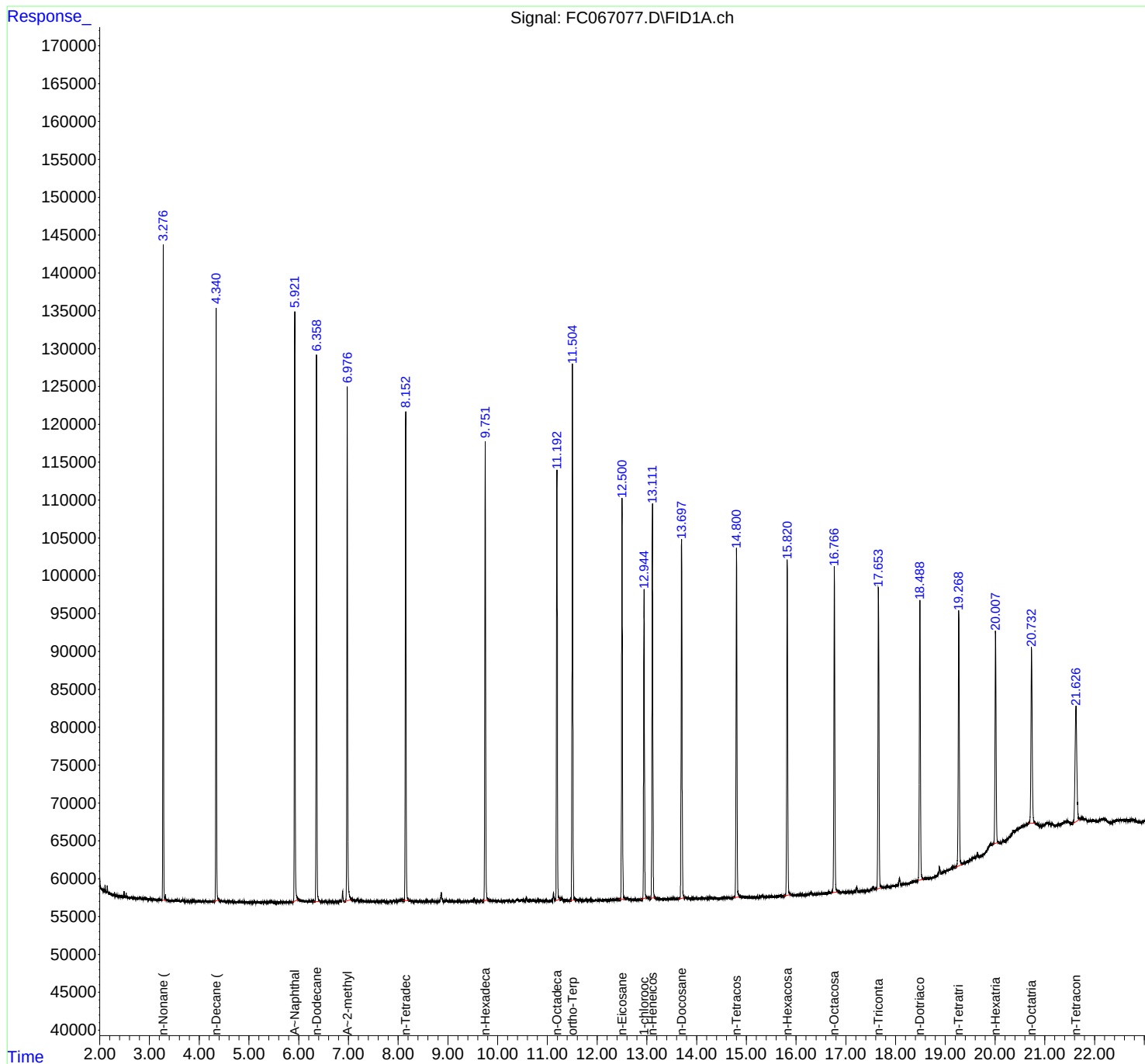
(m)=manual int.

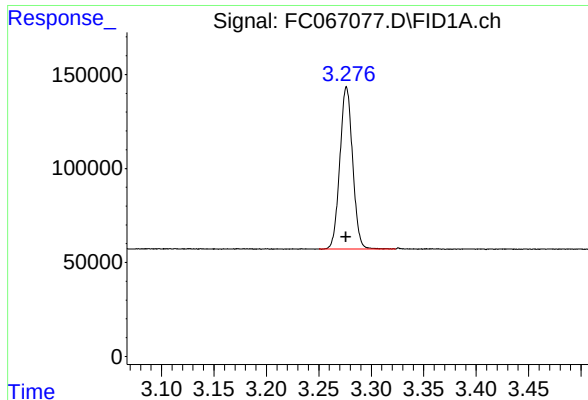
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091024AL\
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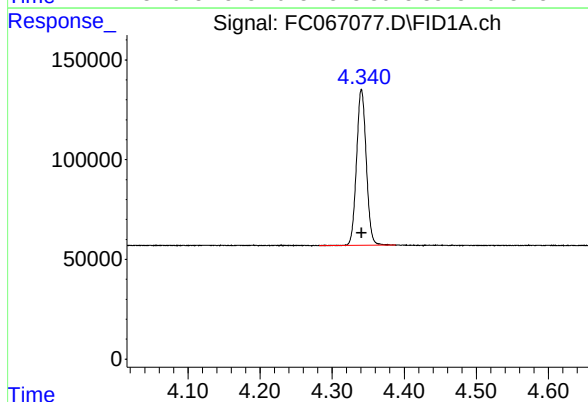




#1 n-Nonane (C9)

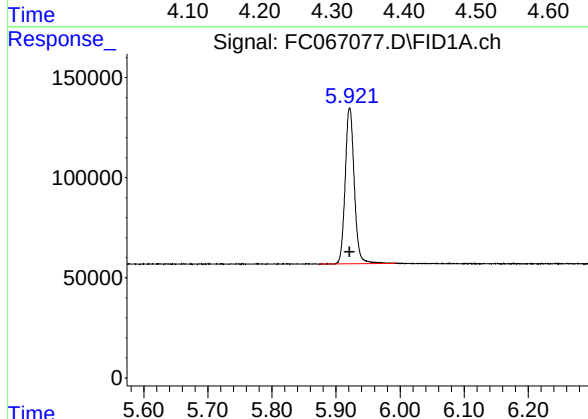
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 729174
Conc: 5.50 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



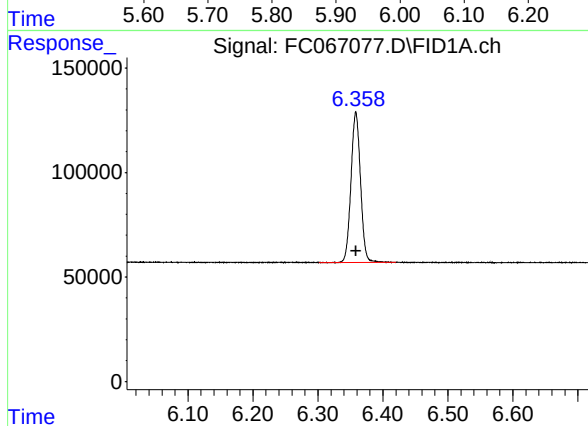
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 731774
Conc: 5.45 ug/ml



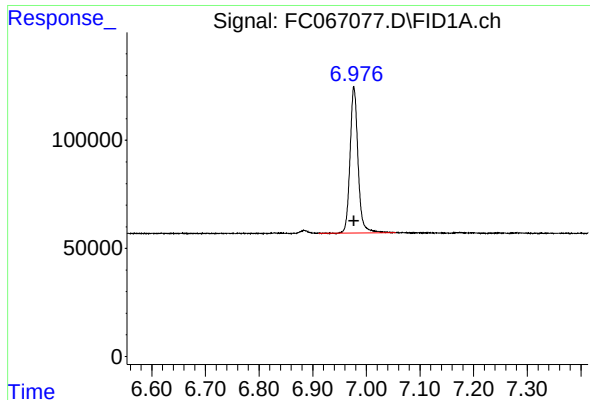
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 759300
Conc: 5.34 ug/ml



#4 n-Dodecane (C12)

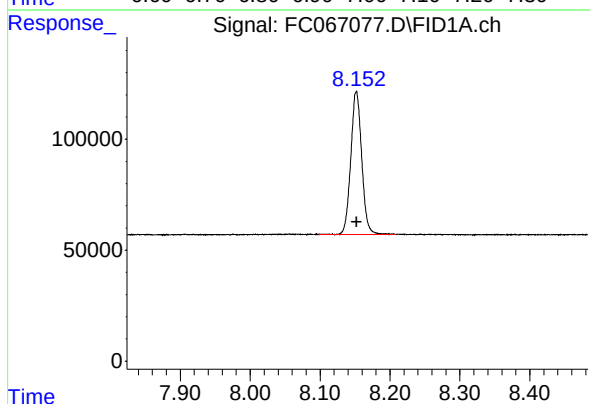
R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 733779
Conc: 5.48 ug/ml



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

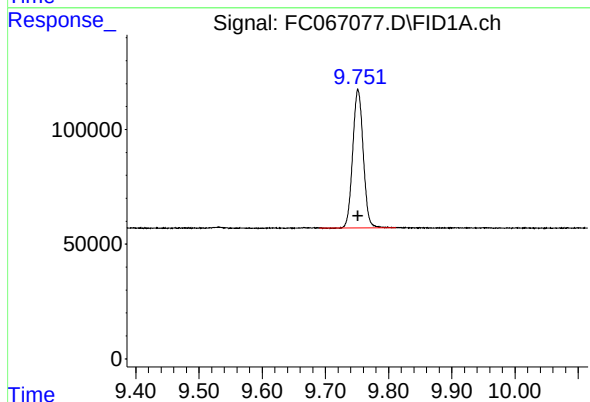
R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 702152
Conc: 5.26 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



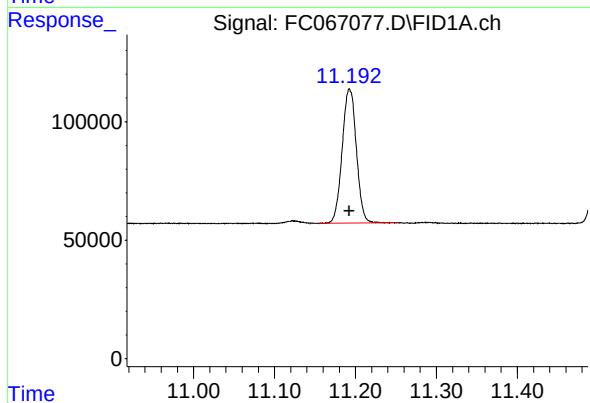
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 700268
Conc: 5.43 ug/ml



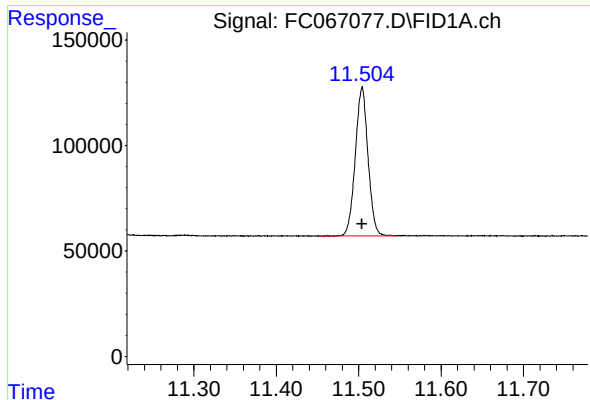
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.000 min
Response: 696687
Conc: 5.40 ug/ml



#8 n-Octadecane (C18)

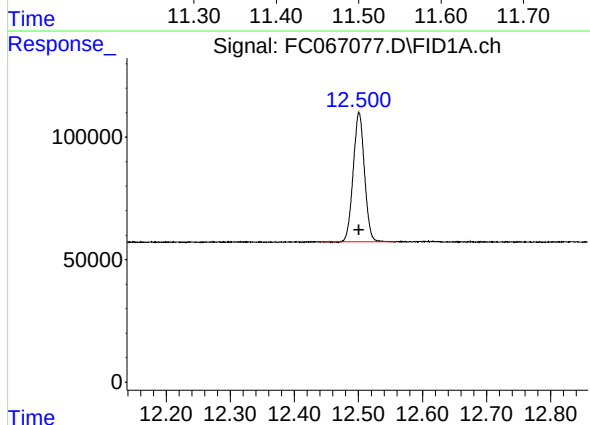
R.T.: 11.193 min
Delta R.T.: 0.000 min
Response: 691467
Conc: 5.40 ug/ml



#9 ortho-Terphenyl (SURR)

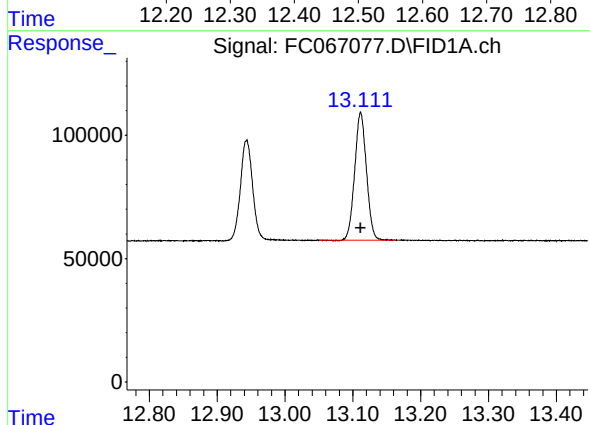
R.T.: 11.504 min
Delta R.T.: 0.000 min
Response: 755299
Conc: 5.42 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



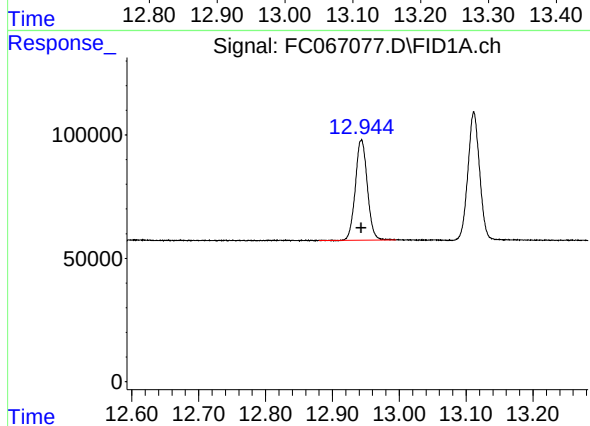
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: 0.000 min
Response: 646789
Conc: 5.38 ug/ml



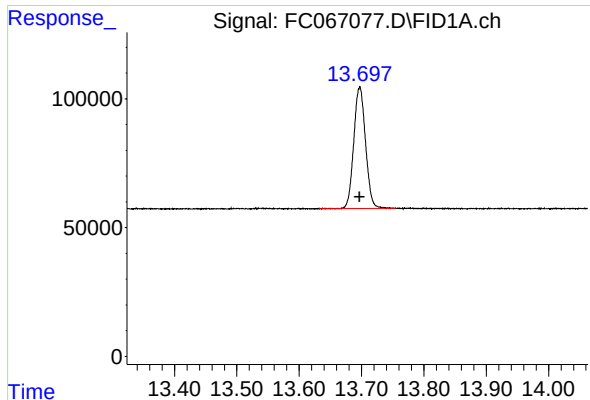
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.000 min
Response: 624925
Conc: 5.35 ug/ml



#12 1-chlorooctadecane (SURR)

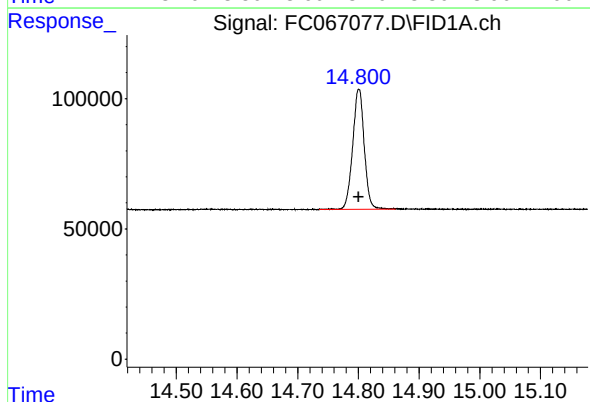
R.T.: 12.943 min
Delta R.T.: 0.000 min
Response: 504187
Conc: 5.16 ug/ml



#13 n-Docosane (C22)

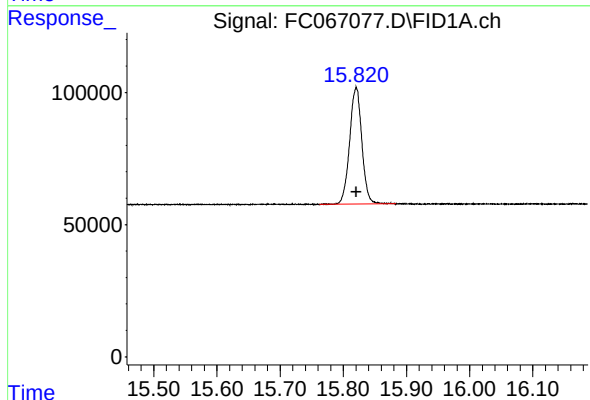
R.T.: 13.697 min
Delta R.T.: 0.000 min
Response: 619054
Conc: 5.36 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



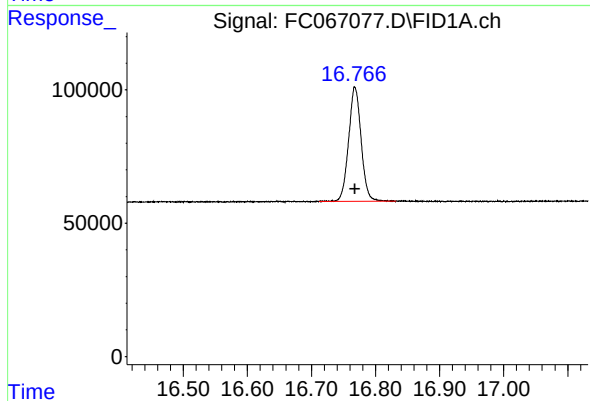
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: 0.000 min
Response: 609641
Conc: 5.37 ug/ml



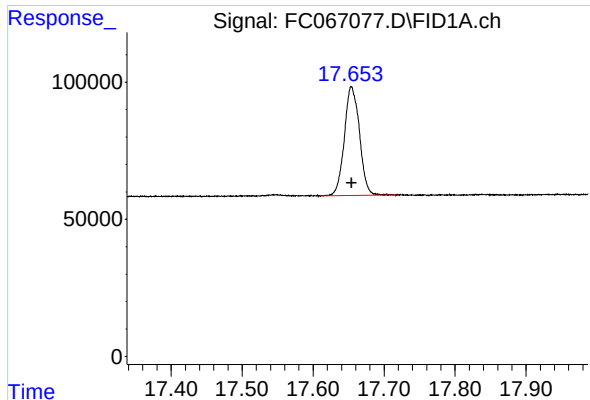
#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: 0.000 min
Response: 593015
Conc: 5.35 ug/ml



#16 n-Octacosane (C28)

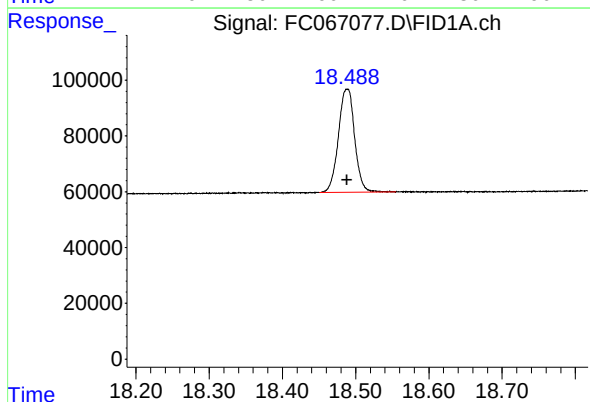
R.T.: 16.768 min
Delta R.T.: 0.000 min
Response: 580465
Conc: 5.37 ug/ml



#17 n-Tricontane (C30)

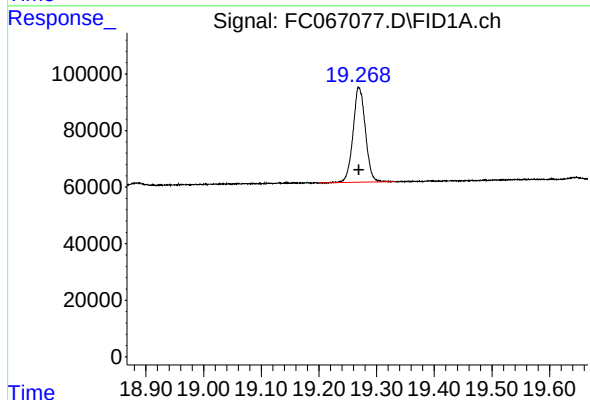
R.T.: 17.654 min
Delta R.T.: 0.000 min
Response: 589388
Conc: 5.42 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



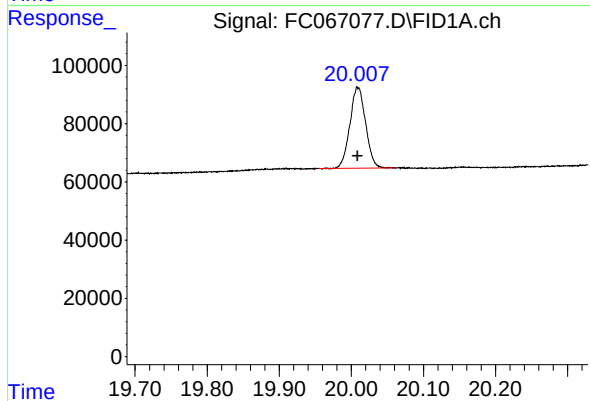
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: 0.000 min
Response: 569622
Conc: 5.46 ug/ml



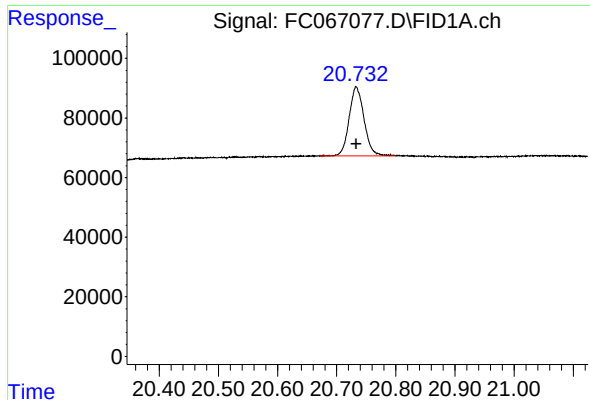
#19 n-Tetatriacontane (C34)

R.T.: 19.270 min
Delta R.T.: 0.000 min
Response: 502439
Conc: 5.45 ug/ml



#20 n-Hexatriacontane (C36)

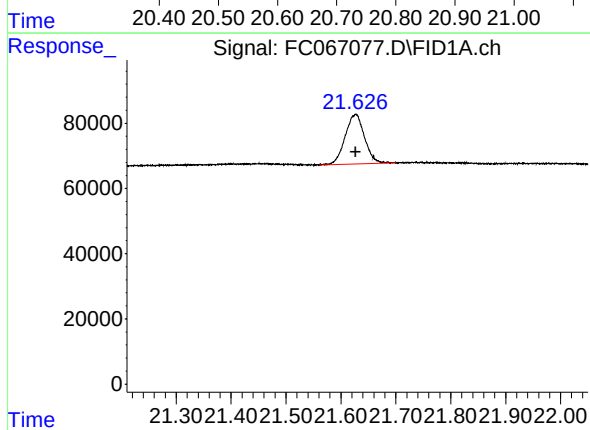
R.T.: 20.009 min
Delta R.T.: 0.000 min
Response: 422298
Conc: 5.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: 0.000 min
Response: 403620
Conc: 5.37 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.627 min
Delta R.T.: 0.000 min
Response: 373436
Conc: 5.35 ug/ml