

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121024AL\
 Data File : FC067962.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 05:24
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 10 07:48:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:47:35 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)	11.475	8263318	47.507 ug/ml
Spiked Amount 50.000		Recovery =	95.01%
12) S 1-chlorooctadecane (S...	12.912	6148518	47.713 ug/ml
Spiked Amount 50.000		Recovery =	95.43%
Target Compounds			
1) T n-Nonane (C9)	3.253	7439779	47.267 ug/ml
2) T n-Decane (C10)	4.316	7616487	47.394 ug/ml
3) T A~Naphthalene (C11.7)	5.892	8456127	47.776 ug/ml
4) T n-Dodecane (C12)	6.331	7756386	47.417 ug/ml
5) T A~2-methylnaphthalene...	6.948	8196212	47.972 ug/ml
6) T n-Tetradecane (C14)	8.124	7677734	47.571 ug/ml
7) T n-Hexadecane (C16)	9.724	7830129	47.824 ug/ml
8) T n-Octadecane (C18)	11.164	7726228	47.369 ug/ml
10) T n-Eicosane (C20)	12.471	7209186	47.422 ug/ml
11) T n-Heneicosane (C21)	13.082	6982835	47.337 ug/ml
13) T n-Docosane (C22)	13.667	6851009	47.514 ug/ml
14) T n-Tetracosane (C24)	14.768	6643747	47.573 ug/ml
15) T n-Hexacosane (C26)	15.788	6396052	47.635 ug/ml
16) T n-Octacosane (C28)	16.737	6171012	47.752 ug/ml
17) T n-Tricontane (C30)	17.622	6122300	47.585 ug/ml
18) T n-Dotriacontane (C32)	18.454	5824606	47.412 ug/ml
19) T n-Tetratriacontane (C34)	19.237	5136813	47.479 ug/ml
20) T n-Hexatriacontane (C36)	19.974	4512465	47.798 ug/ml
21) T n-Octatriacontane (C38)	20.694	4273980	47.354 ug/ml
22) T n-Tetracontane (C40)	21.574	4236953	48.177 ug/ml

(f)=RT Delta > 1/2 Window

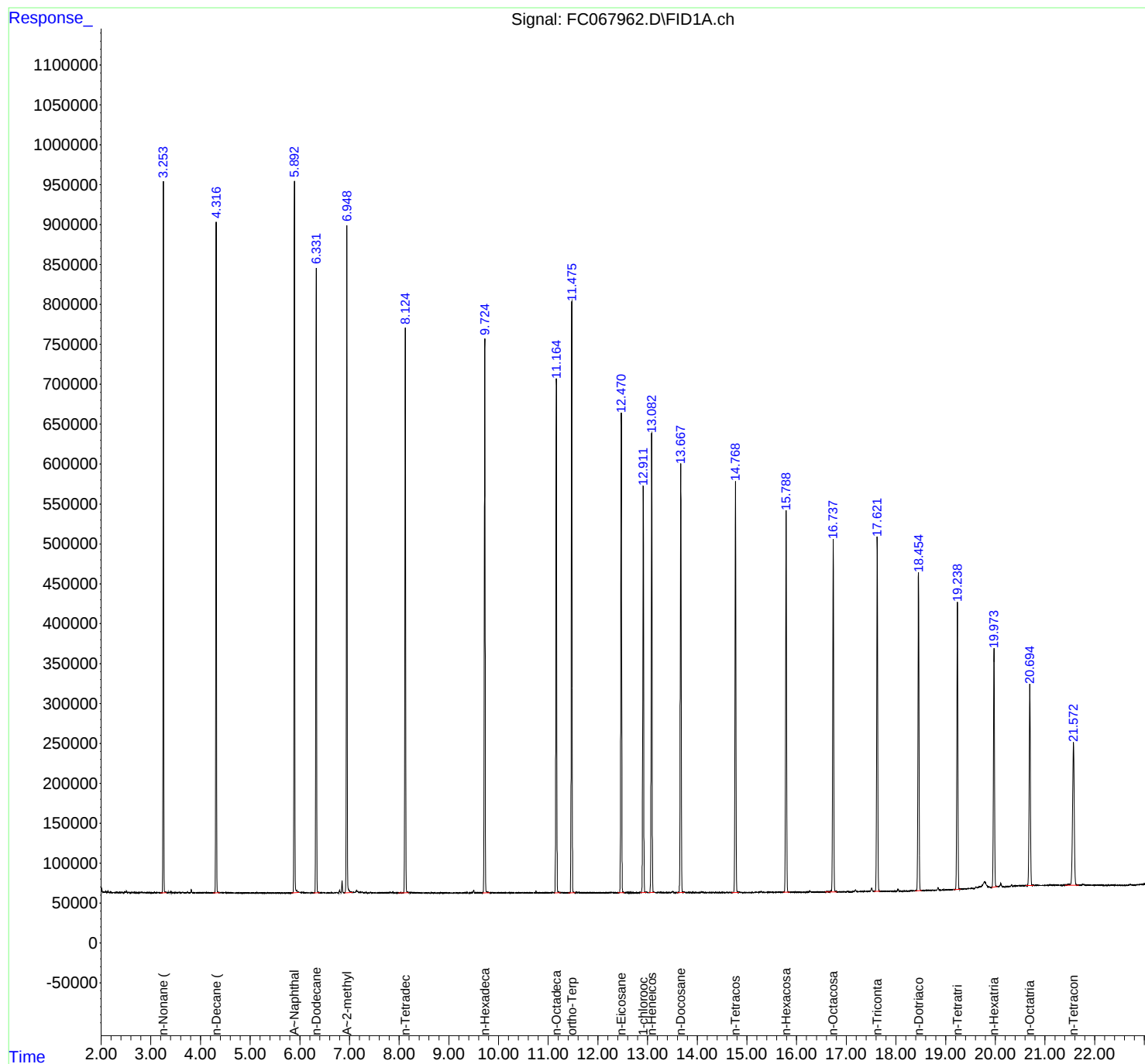
(m)=manual int.

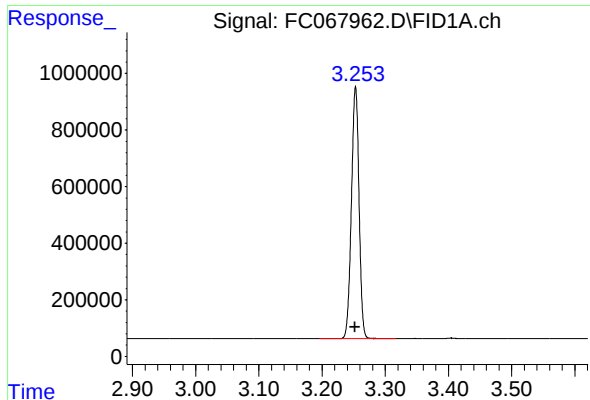
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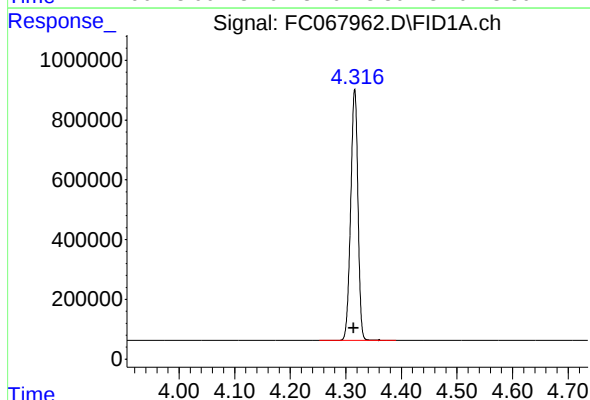




#1 n-Nonane (C9)

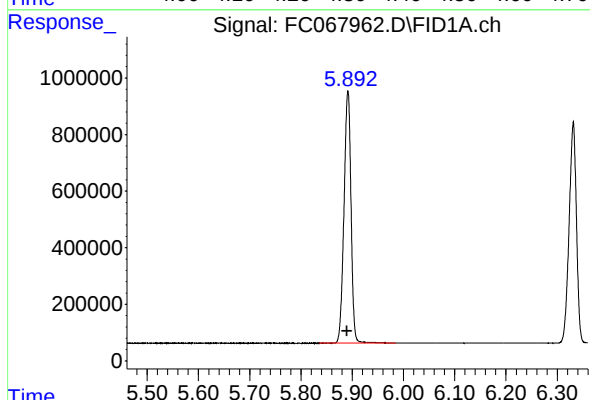
R.T.: 3.253 min
Delta R.T.: 0.000 min
Response: 7439779
Conc: 47.27 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



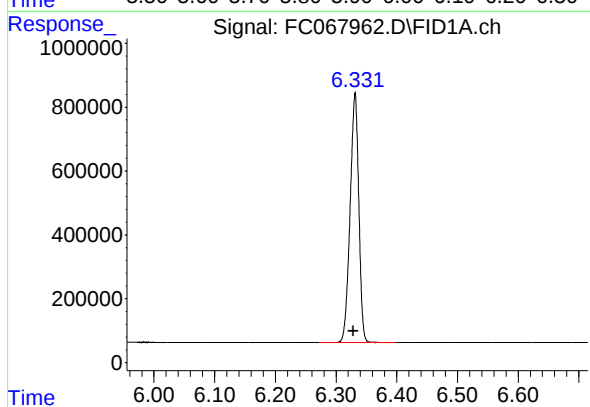
#2 n-Decane (C10)

R.T.: 4.316 min
Delta R.T.: 0.002 min
Response: 7616487
Conc: 47.39 ug/ml



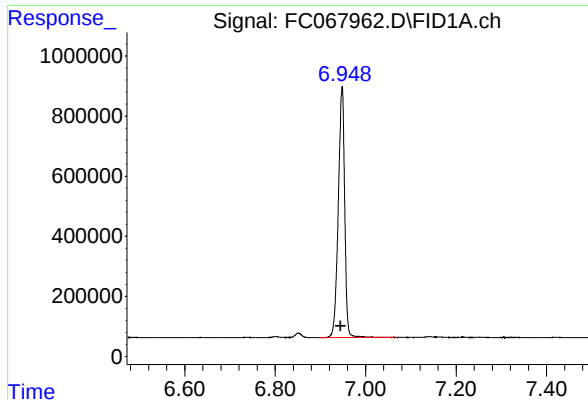
#3 A~Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: 0.002 min
Response: 8456127
Conc: 47.78 ug/ml



#4 n-Dodecane (C12)

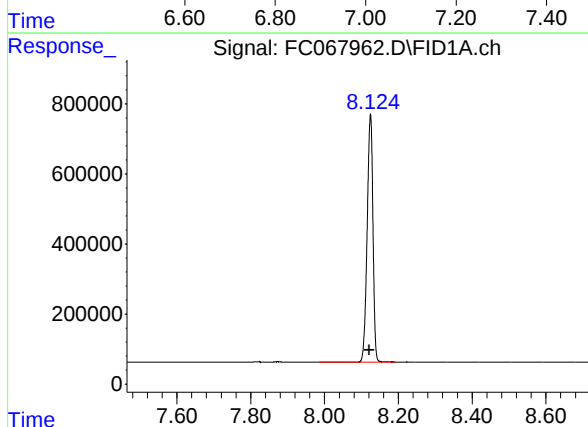
R.T.: 6.331 min
Delta R.T.: 0.003 min
Response: 7756386
Conc: 47.42 ug/ml



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

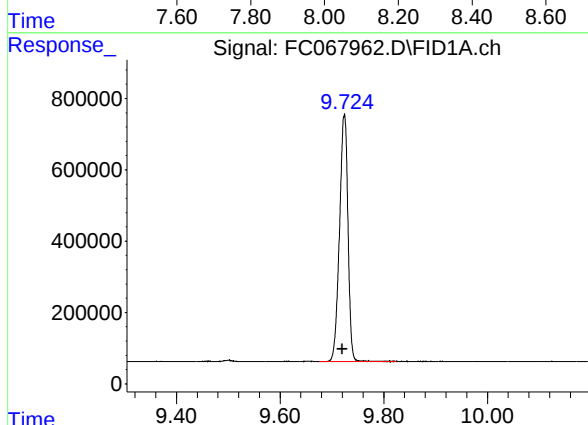
R.T.: 6.948 min
Delta R.T.: 0.003 min
Response: 8196212
Conc: 47.97 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



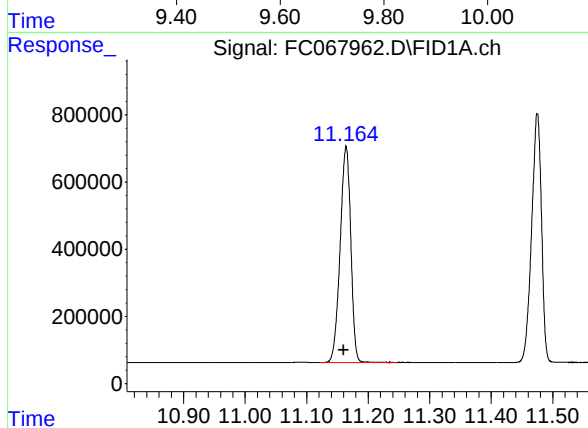
#6 n-Tetradecane (C14)

R.T.: 8.124 min
Delta R.T.: 0.003 min
Response: 7677734
Conc: 47.57 ug/ml



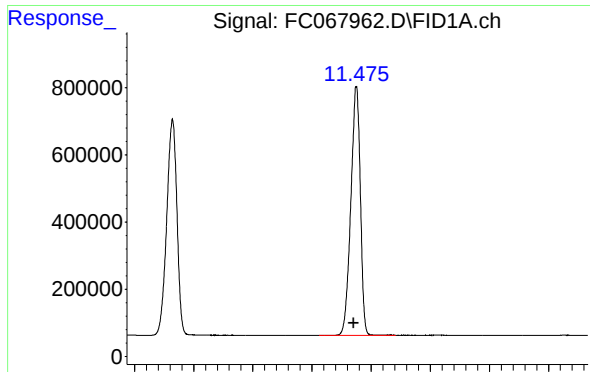
#7 n-Hexadecane (C16)

R.T.: 9.724 min
Delta R.T.: 0.003 min
Response: 7830129
Conc: 47.82 ug/ml



#8 n-Octadecane (C18)

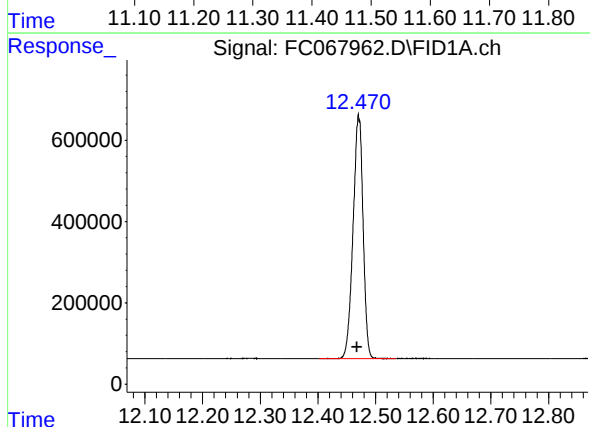
R.T.: 11.164 min
Delta R.T.: 0.004 min
Response: 7726228
Conc: 47.37 ug/ml



#9 ortho-Terphenyl (SURR)

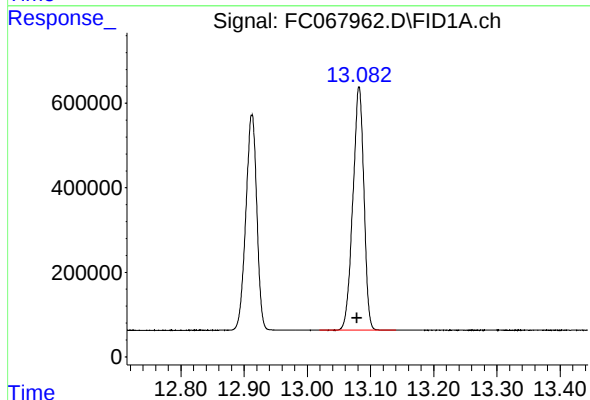
R.T.: 11.475 min
Delta R.T.: 0.005 min
Response: 8263318
Conc: 47.51 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



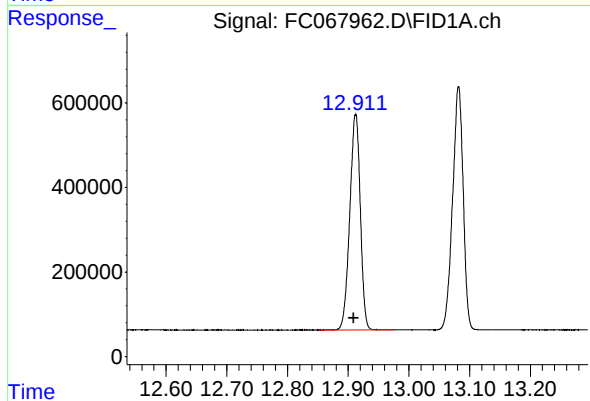
#10 n-Eicosane (C20)

R.T.: 12.471 min
Delta R.T.: 0.003 min
Response: 7209186
Conc: 47.42 ug/ml



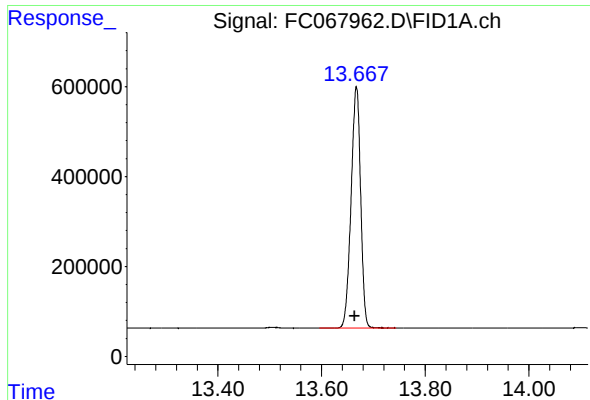
#11 n-Heneicosane (C21)

R.T.: 13.082 min
Delta R.T.: 0.003 min
Response: 6982835
Conc: 47.34 ug/ml



#12 1-chlorooctadecane (SURR)

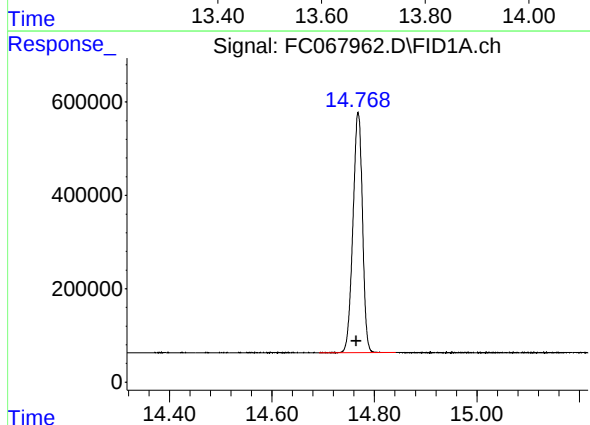
R.T.: 12.912 min
Delta R.T.: 0.003 min
Response: 6148518
Conc: 47.71 ug/ml



#13 n-Docosane (C22)

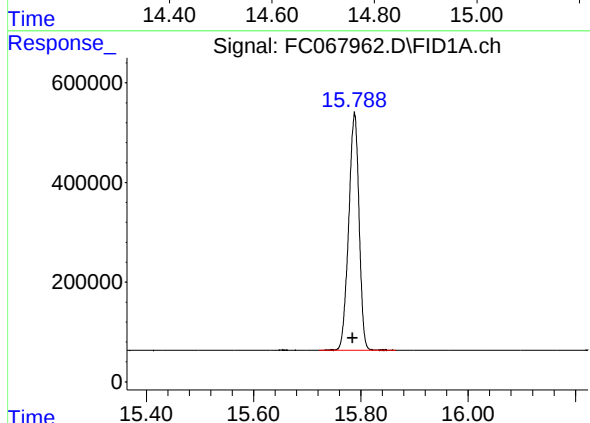
R.T.: 13.667 min
Delta R.T.: 0.003 min
Response: 6851009
Conc: 47.51 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



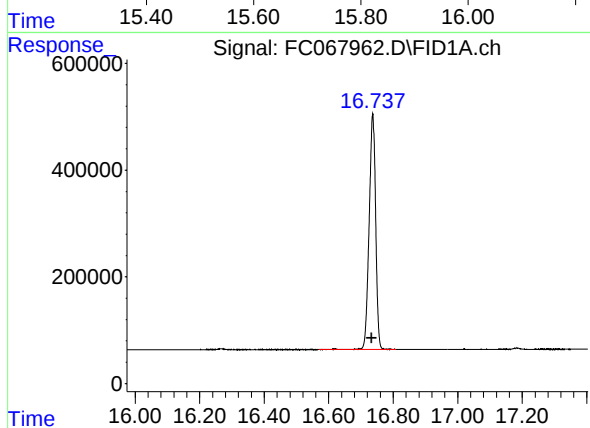
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: 0.004 min
Response: 6643747
Conc: 47.57 ug/ml



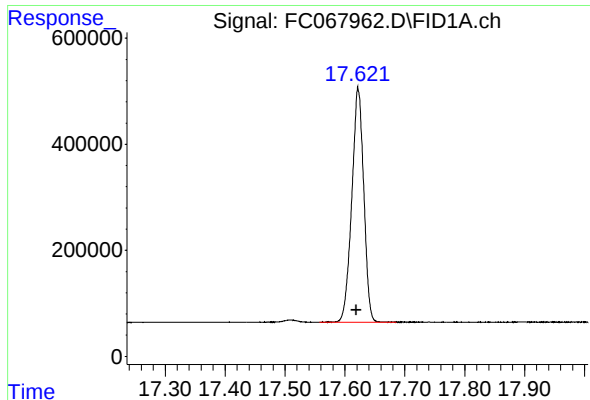
#15 n-Hexacosane (C26)

R.T.: 15.788 min
Delta R.T.: 0.003 min
Response: 6396052
Conc: 47.63 ug/ml



#16 n-Octacosane (C28)

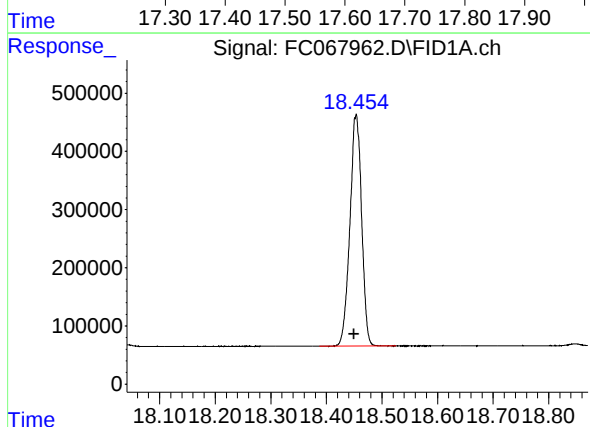
R.T.: 16.737 min
Delta R.T.: 0.004 min
Response: 6171012
Conc: 47.75 ug/ml



#17 n-Tricontane (C30)

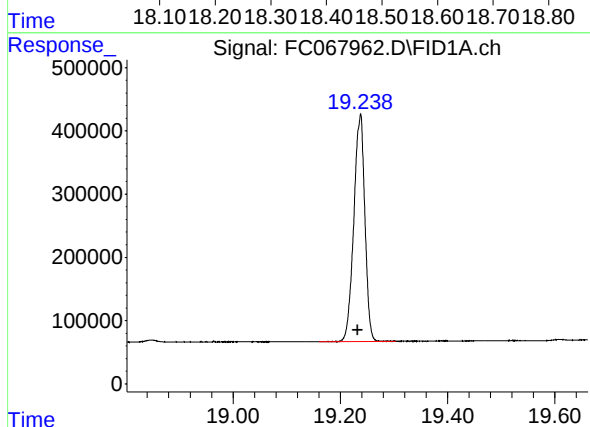
R.T.: 17.622 min
Delta R.T.: 0.003 min
Response: 6122300
Conc: 47.58 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



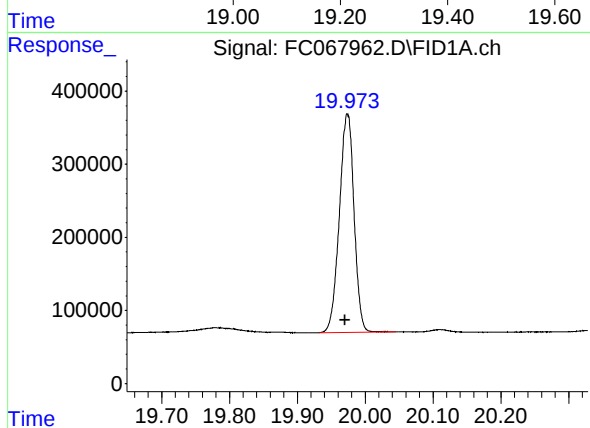
#18 n-Dotriacontane (C32)

R.T.: 18.454 min
Delta R.T.: 0.004 min
Response: 5824606
Conc: 47.41 ug/ml



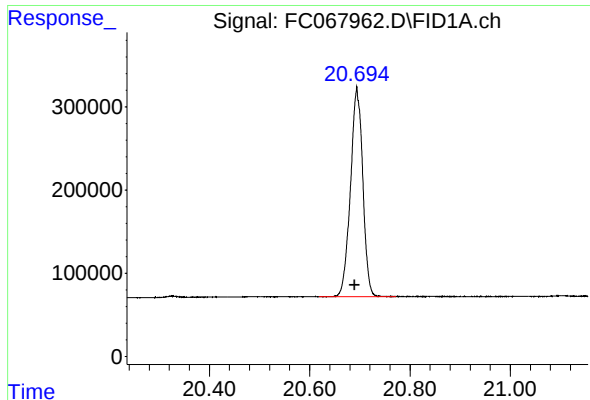
#19 n-Tetatriacontane (C34)

R.T.: 19.237 min
Delta R.T.: 0.004 min
Response: 5136813
Conc: 47.48 ug/ml



#20 n-Hexatriacontane (C36)

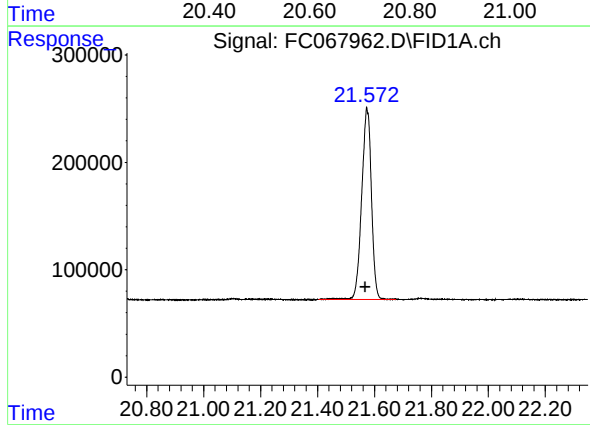
R.T.: 19.974 min
Delta R.T.: 0.004 min
Response: 4512465
Conc: 47.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.694 min
Delta R.T.: 0.005 min
Response: 4273980
Conc: 47.35 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.574 min
Delta R.T.: 0.006 min
Response: 4236953
Conc: 48.18 ug/ml