

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050625AL\
 Data File : FC068782.D
 Signal(s) : FID1A.ch
 Acq On : 06 May 2025 16:11
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 07 08:36:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:32:40 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)	11.714	5441207	46.106 ug/ml
Spiked Amount 50.000		Recovery =	92.21%
12) S 1-chlorooctadecane (S...	13.145	3828109	46.120 ug/ml
Spiked Amount 50.000		Recovery =	92.24%
Target Compounds			
1) T n-Nonane (C9)	3.444	4793918	46.198 ug/ml
2) T n-Decane (C10)	4.519	4749857	46.233 ug/ml
3) T A~Naphthalene (C11.7)	6.116	5278650	46.359 ug/ml
4) T n-Dodecane (C12)	6.545	4624567	46.135 ug/ml
5) T A~2-methylnaphthalene...	7.175	5122386	46.031 ug/ml
6) T n-Tetradecane (C14)	8.342	4394825	46.045 ug/ml
7) T n-Hexadecane (C16)	9.945	4257987	45.888 ug/ml
8) T n-Octadecane (C18)	11.389	4159655	45.839 ug/ml
10) T n-Eicosane (C20)	12.698	4047839	45.948 ug/ml
11) T n-Heneicosane (C21)	13.312	4003168	45.869 ug/ml
13) T n-Docosane (C22)	13.898	3969368	45.962 ug/ml
14) T n-Tetracosane (C24)	15.002	3939821	46.077 ug/ml
15) T n-Hexacosane (C26)	16.024	3918274	46.240 ug/ml
16) T n-Octacosane (C28)	16.976	3897133	46.267 ug/ml
17) T n-Tricontane (C30)	17.865	3988283	46.273 ug/ml
18) T n-Dotriacontane (C32)	18.698	4044691	46.268 ug/ml
19) T n-Tetratriacontane (C34)	19.483	4012023	46.303 ug/ml
20) T n-Hexatriacontane (C36)	20.224	4065667	46.381 ug/ml
21) T n-Octatriacontane (C38)	21.000	3986154	46.544 ug/ml
22) T n-Tetracontane (C40)	21.980	3914742	46.754 ug/ml

(f)=RT Delta > 1/2 Window

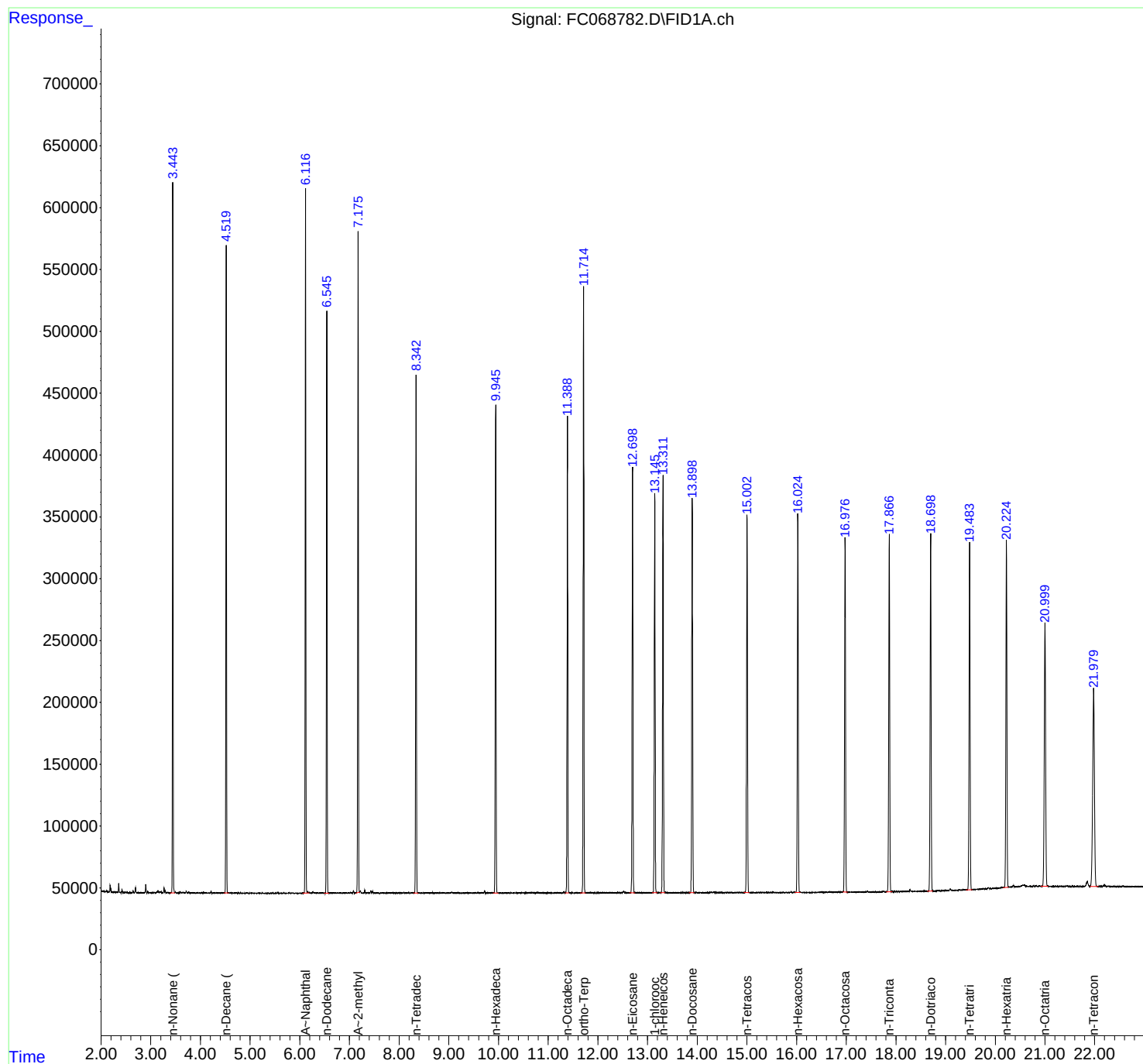
(m)=manual int.

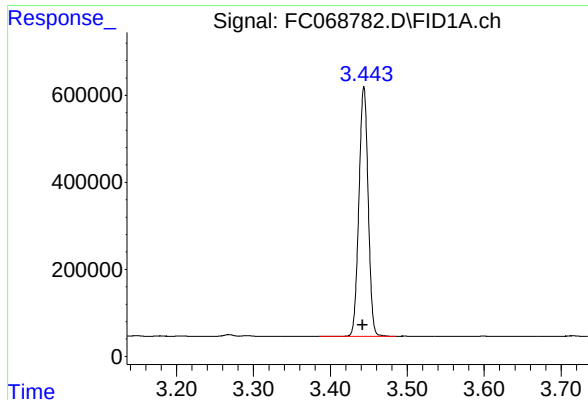
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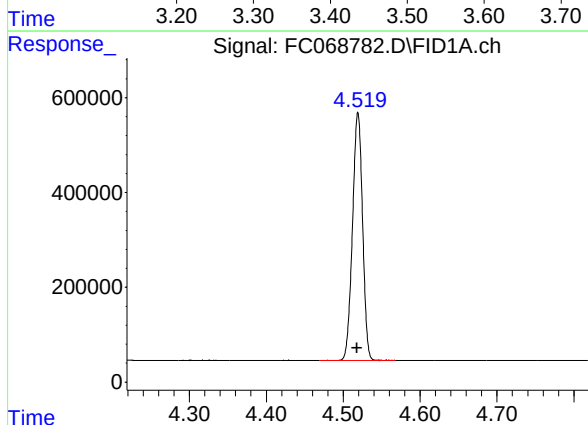




#1 n-Nonane (C9)

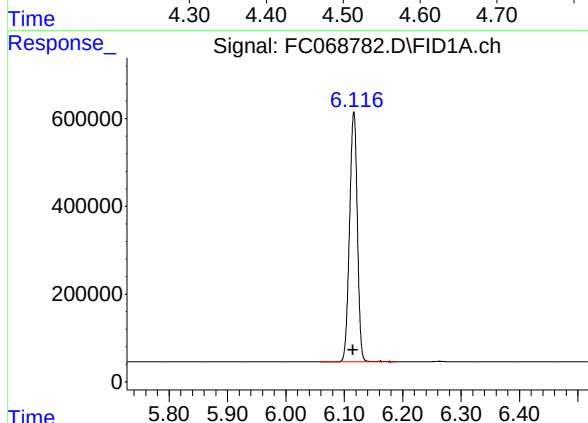
R.T.: 3.444 min
Delta R.T.: 0.002 min
Response: 4793918
Conc: 46.20 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



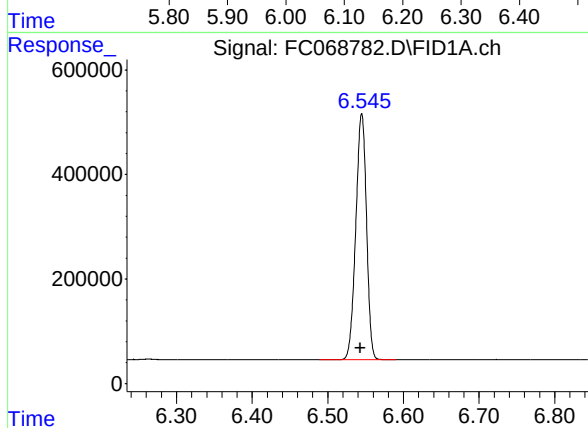
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.001 min
Response: 4749857
Conc: 46.23 ug/ml



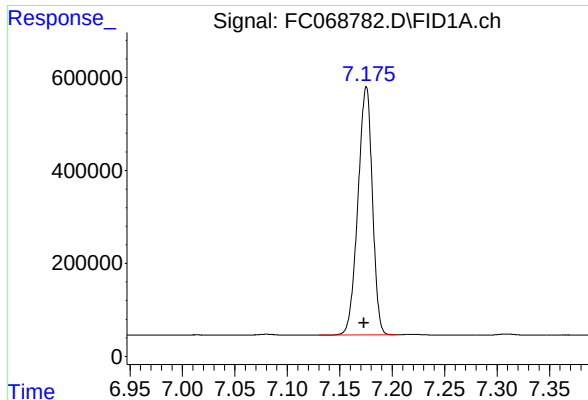
#3 A~Naphthalene (C11.7)

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 5278650
Conc: 46.36 ug/ml



#4 n-Dodecane (C12)

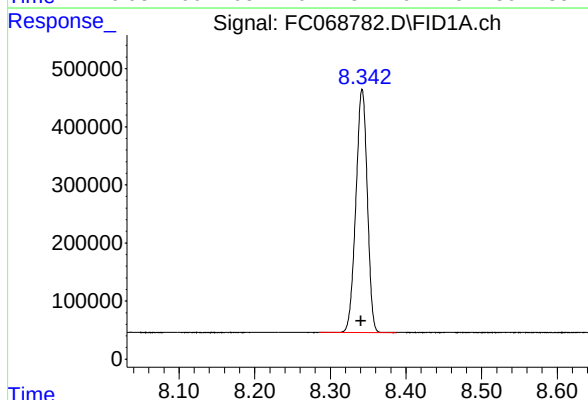
R.T.: 6.545 min
Delta R.T.: 0.002 min
Response: 4624567
Conc: 46.13 ug/ml



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

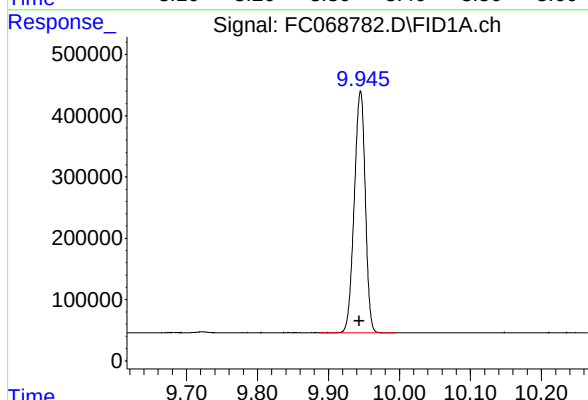
R.T.: 7.175 min
Delta R.T.: 0.002 min
Response: 5122386
Conc: 46.03 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



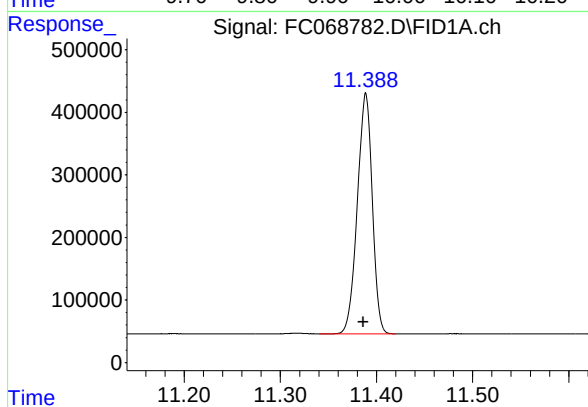
#6 n-Tetradecane (C14)

R.T.: 8.342 min
Delta R.T.: 0.001 min
Response: 4394825
Conc: 46.04 ug/ml



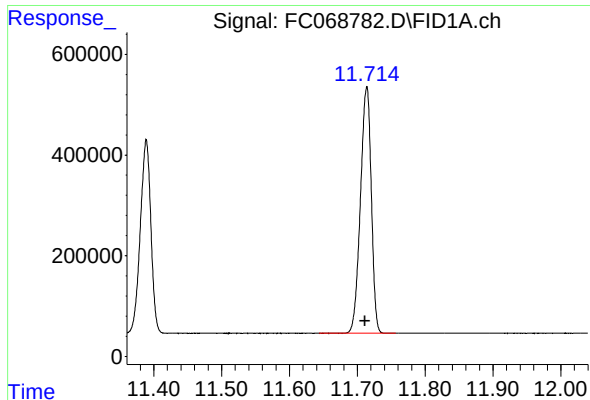
#7 n-Hexadecane (C16)

R.T.: 9.945 min
Delta R.T.: 0.001 min
Response: 4257987
Conc: 45.89 ug/ml



#8 n-Octadecane (C18)

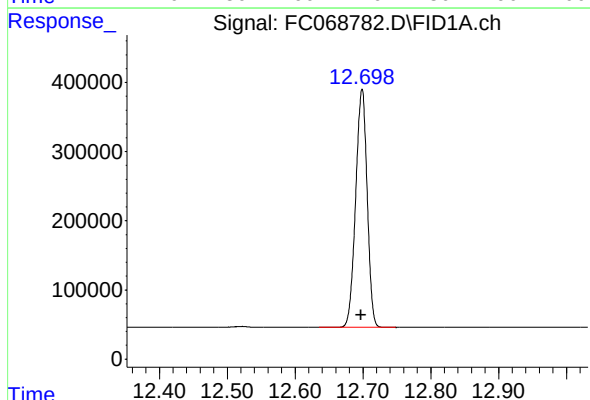
R.T.: 11.389 min
Delta R.T.: 0.003 min
Response: 4159655
Conc: 45.84 ug/ml



#9 ortho-Terphenyl (SURR)

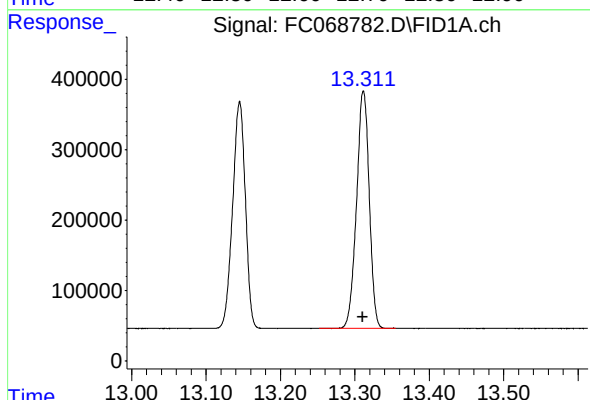
R.T.: 11.714 min
Delta R.T.: 0.003 min
Response: 5441207
Conc: 46.11 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



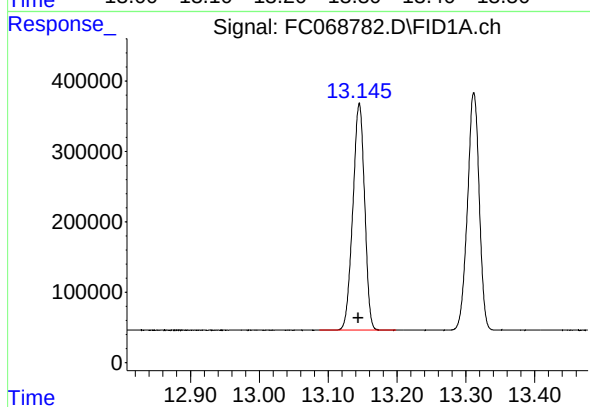
#10 n-Eicosane (C20)

R.T.: 12.698 min
Delta R.T.: 0.001 min
Response: 4047839
Conc: 45.95 ug/ml



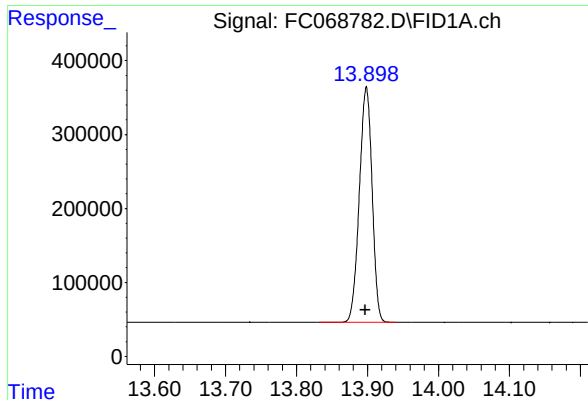
#11 n-Heneicosane (C21)

R.T.: 13.312 min
Delta R.T.: 0.001 min
Response: 4003168
Conc: 45.87 ug/ml



#12 1-chlorooctadecane (SURR)

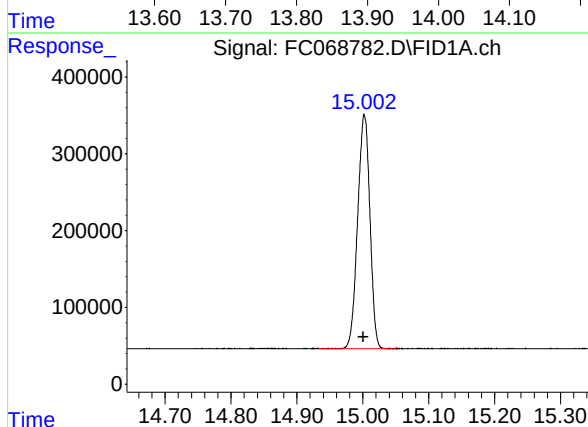
R.T.: 13.145 min
Delta R.T.: 0.001 min
Response: 3828109
Conc: 46.12 ug/ml



#13 n-Docosane (C22)

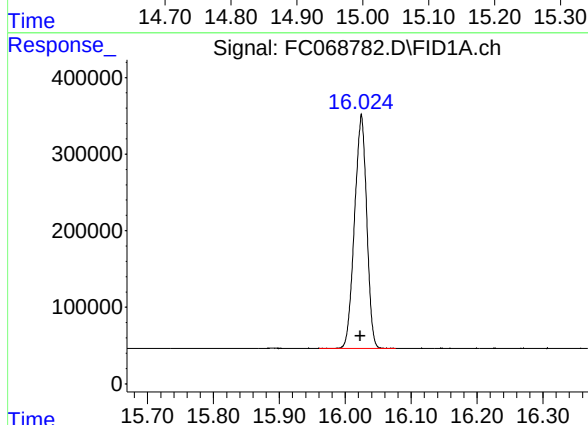
R.T.: 13.898 min
Delta R.T.: 0.002 min
Response: 3969368
Conc: 45.96 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



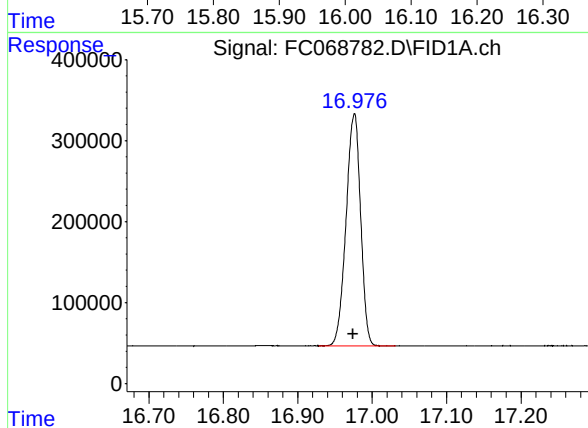
#14 n-Tetracosane (C24)

R.T.: 15.002 min
Delta R.T.: 0.002 min
Response: 3939821
Conc: 46.08 ug/ml



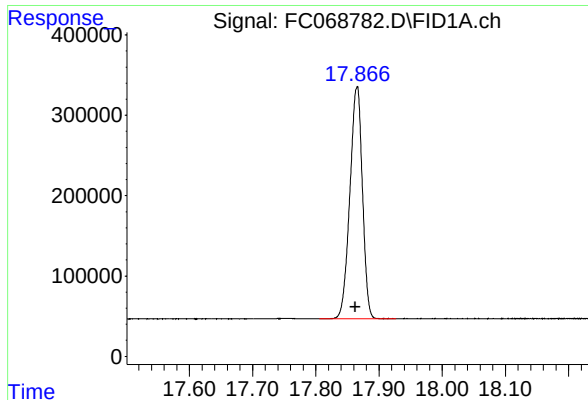
#15 n-Hexacosane (C26)

R.T.: 16.024 min
Delta R.T.: 0.001 min
Response: 3918274
Conc: 46.24 ug/ml



#16 n-Octacosane (C28)

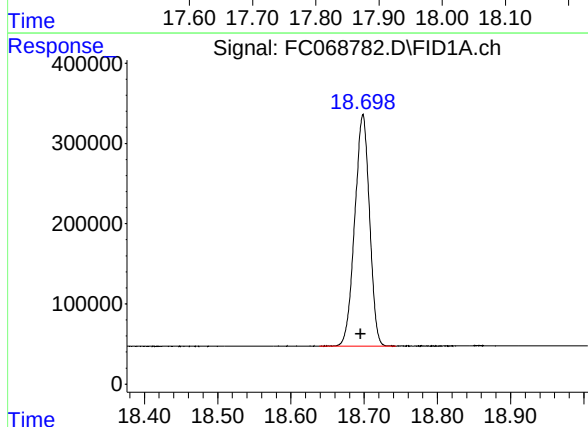
R.T.: 16.976 min
Delta R.T.: 0.002 min
Response: 3897133
Conc: 46.27 ug/ml



#17 n-Tricontane (C30)

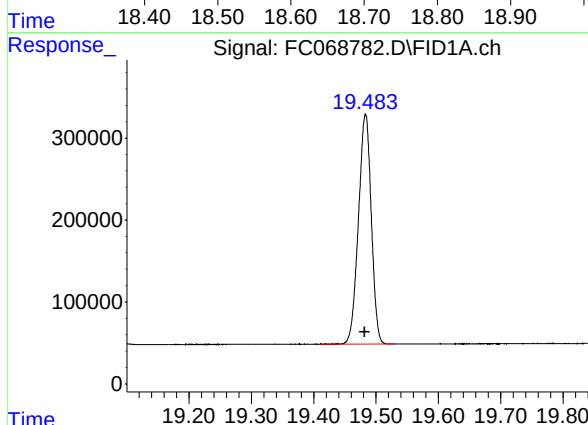
R.T.: 17.865 min
Delta R.T.: 0.003 min
Response: 3988283
Conc: 46.27 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



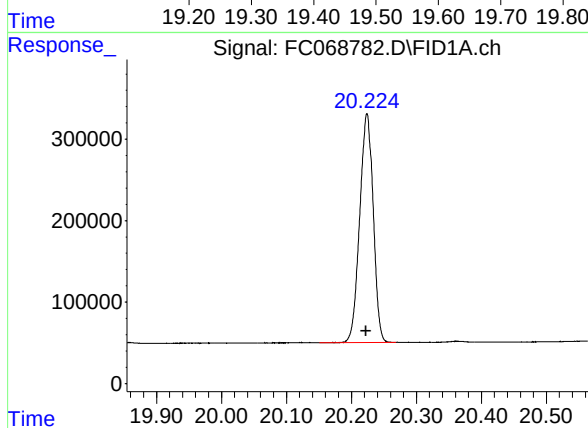
#18 n-Dotriacontane (C32)

R.T.: 18.698 min
Delta R.T.: 0.003 min
Response: 4044691
Conc: 46.27 ug/ml



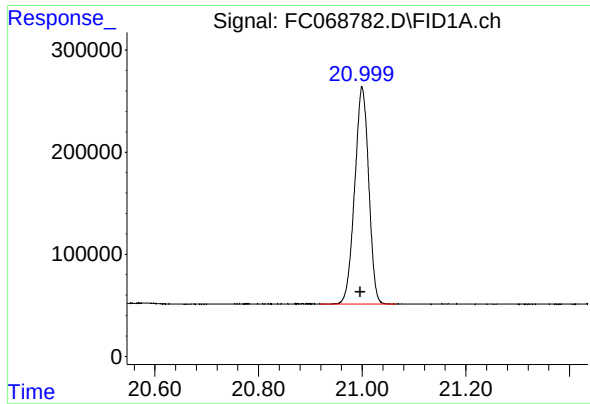
#19 n-Tetratriacontane (C34)

R.T.: 19.483 min
Delta R.T.: 0.001 min
Response: 4012023
Conc: 46.30 ug/ml



#20 n-Hexatriacontane (C36)

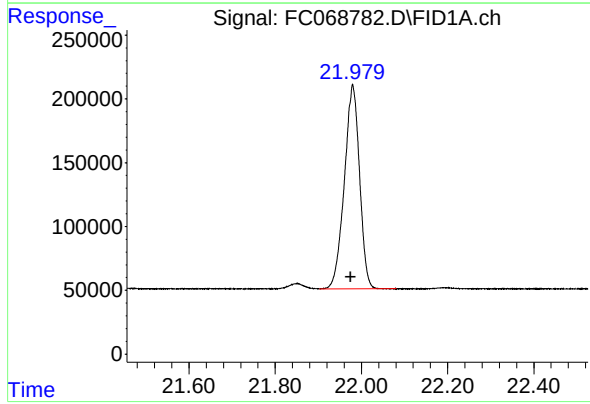
R.T.: 20.224 min
Delta R.T.: 0.001 min
Response: 4065667
Conc: 46.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.000 min
Delta R.T.: 0.003 min
Response: 3986154
Conc: 46.54 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.980 min
Delta R.T.: 0.005 min
Response: 3914742
Conc: 46.75 ug/ml