

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052425AL\
 Data File : FC069002.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2025 16:43
 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: autoint1.e
 Quant Time: May 27 01:40:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:38:24 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)	11.705	625274	4.916 ug/ml
Spiked Amount 50.000		Recovery =	9.83%
12) S 1-chlorooctadecane (S...	13.138	452242	4.869 ug/ml
Spiked Amount 50.000		Recovery =	9.74%
Target Compounds			
1) T n-Nonane (C9)	3.441	528110	4.819 ug/ml
2) T n-Decane (C10)	4.515	527528	4.827 ug/ml
3) T A~Naphthalene (C11.7)	6.112	573671	4.796 ug/ml
4) T n-Dodecane (C12)	6.540	521607	4.796 ug/ml
5) T A~2-methylnaphthalene...	7.170	559547	4.757 ug/ml
6) T n-Tetradecane (C14)	8.336	513540	4.831 ug/ml
7) T n-Hexadecane (C16)	9.938	512504	4.865 ug/ml
8) T n-Octadecane (C18)	11.381	505430	4.866 ug/ml
10) T n-Eicosane (C20)	12.692	495899	4.909 ug/ml
11) T n-Heneicosane (C21)	13.305	490014	4.916 ug/ml
13) T n-Docosane (C22)	13.891	486862	4.934 ug/ml
14) T n-Tetracosane (C24)	14.995	483093	4.959 ug/ml
15) T n-Hexacosane (C26)	16.018	477776	4.979 ug/ml
16) T n-Octacosane (C28)	16.969	492774	5.166 ug/ml
17) T n-Tricontane (C30)	17.857	536669	5.454 ug/ml
18) T n-Dotriacontane (C32)	18.690	563065	5.626 ug/ml
19) T n-Tetratriacontane (C34)	19.475	536706	5.497 ug/ml
20) T n-Hexatriacontane (C36)	20.216	507777	5.241 ug/ml
21) T n-Octatriacontane (C38)	20.987	475775	5.080 ug/ml
22) T n-Tetracontane (C40)	21.962	453129	4.981 ug/ml

(f)=RT Delta > 1/2 Window

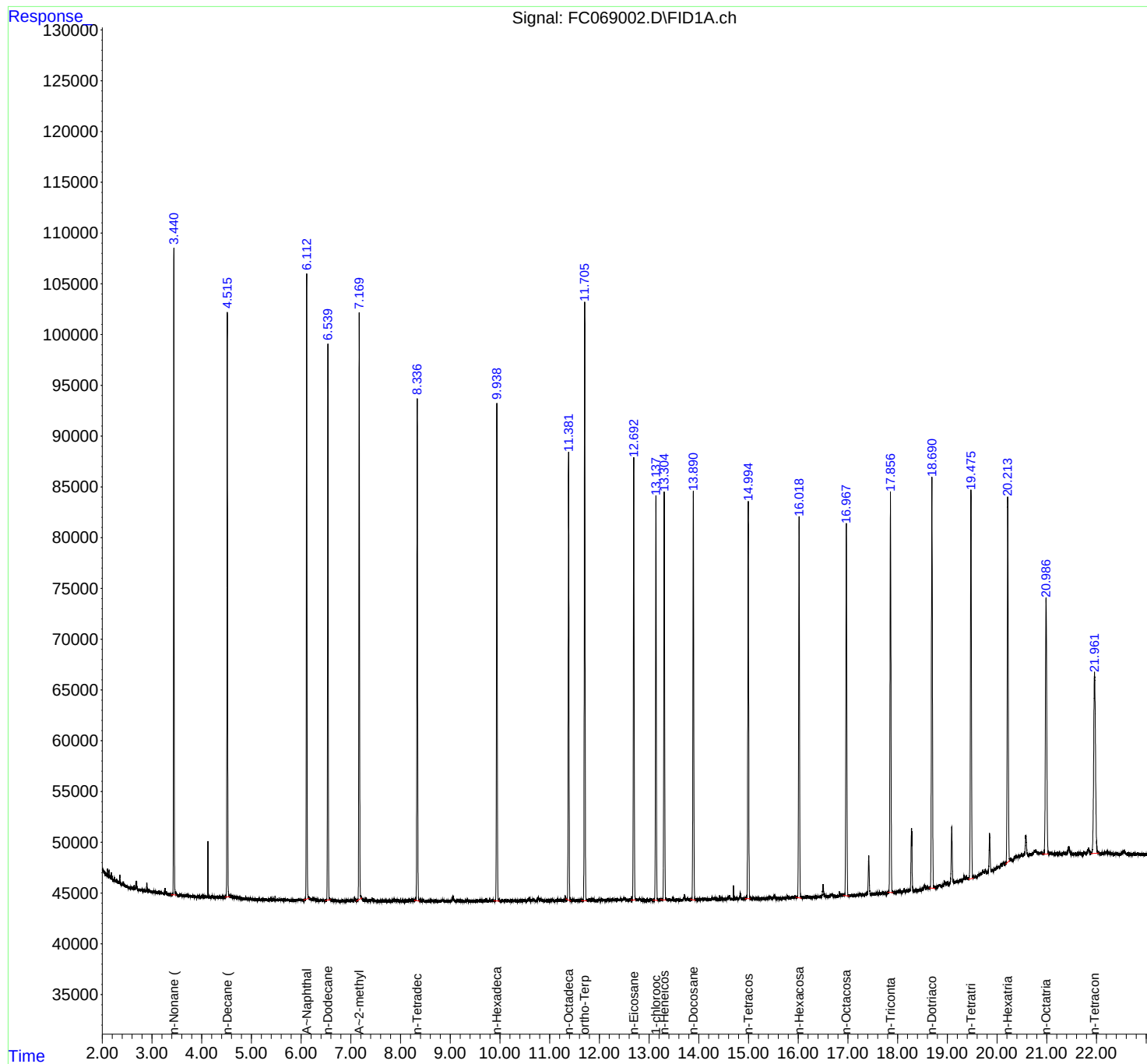
(m)=manual int.

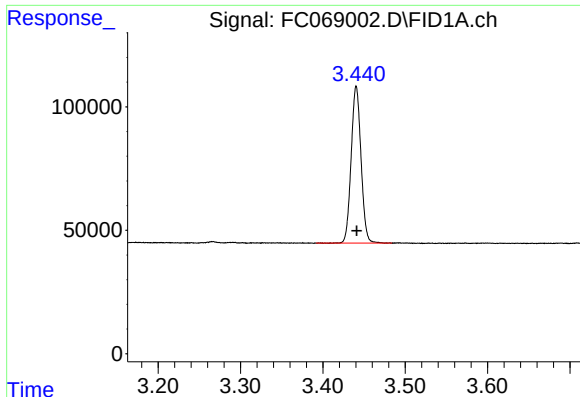
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052425AL\
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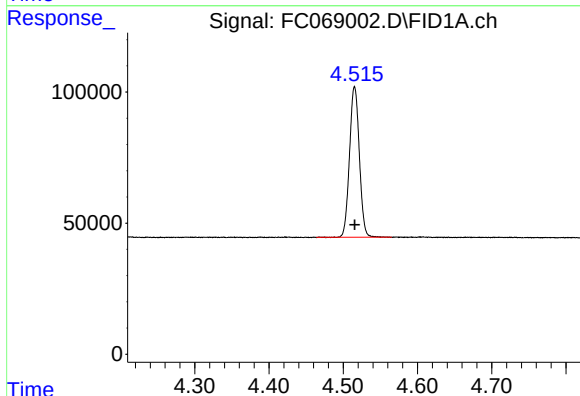




#1 n-Nonane (C9)

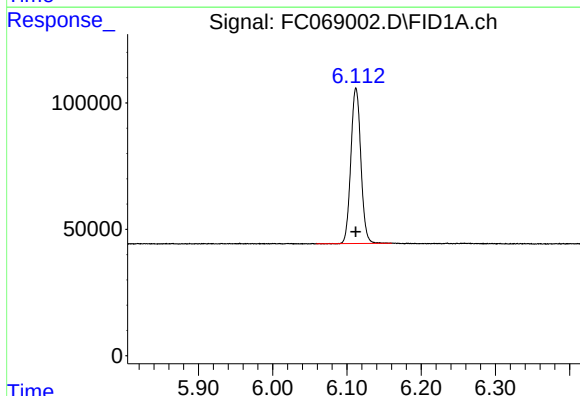
R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 528110
Conc: 4.82 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



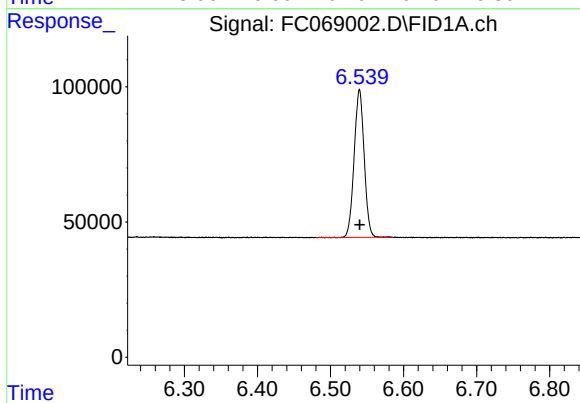
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 527528
Conc: 4.83 ug/ml



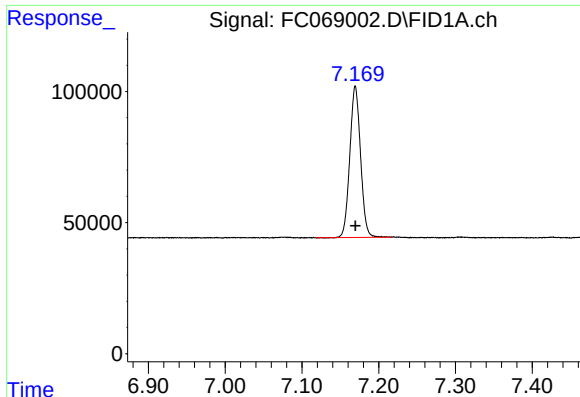
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 573671
Conc: 4.80 ug/ml



#4 n-Dodecane (C12)

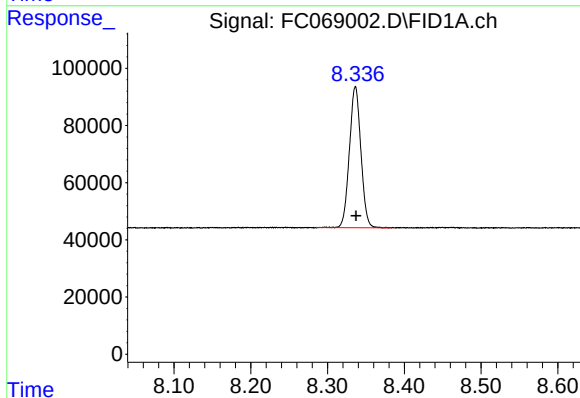
R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 521607
Conc: 4.80 ug/ml



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

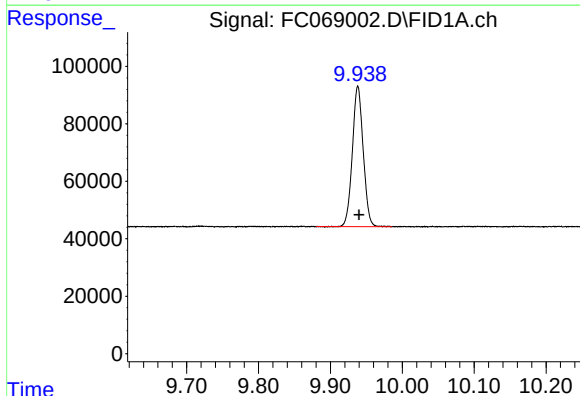
R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 559547
Conc: 4.76 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



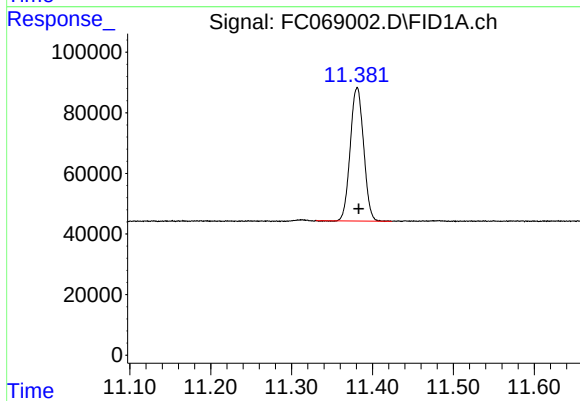
#6 n-Tetradecane (C14)

R.T.: 8.336 min
Delta R.T.: 0.000 min
Response: 513540
Conc: 4.83 ug/ml



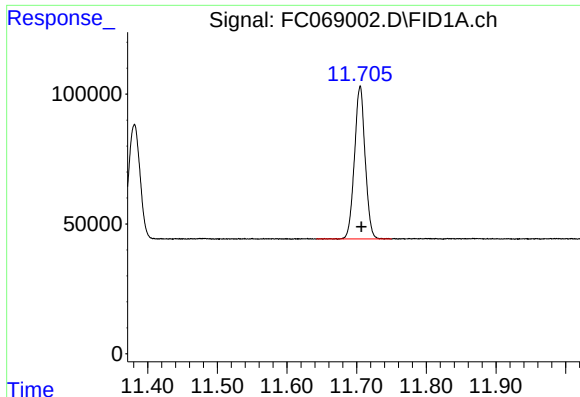
#7 n-Hexadecane (C16)

R.T.: 9.938 min
Delta R.T.: -0.002 min
Response: 512504
Conc: 4.86 ug/ml



#8 n-Octadecane (C18)

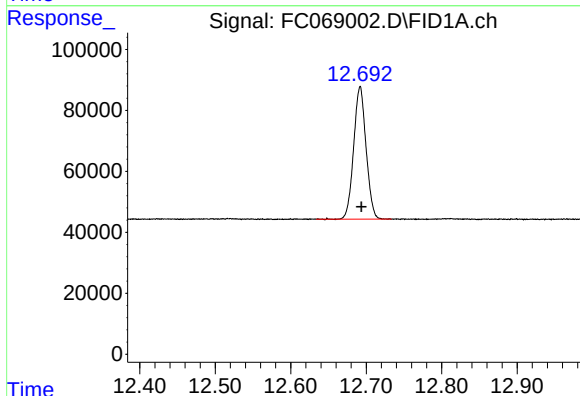
R.T.: 11.381 min
Delta R.T.: -0.002 min
Response: 505430
Conc: 4.87 ug/ml



#9 ortho-Terphenyl (SURR)

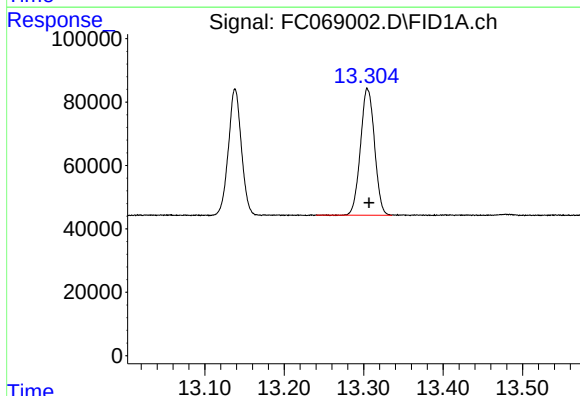
R.T.: 11.705 min
Delta R.T.: -0.002 min
Response: 625274
Conc: 4.92 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



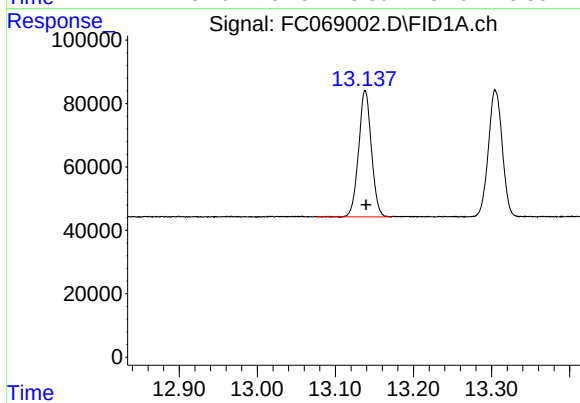
#10 n-Eicosane (C20)

R.T.: 12.692 min
Delta R.T.: -0.002 min
Response: 495899
Conc: 4.91 ug/ml



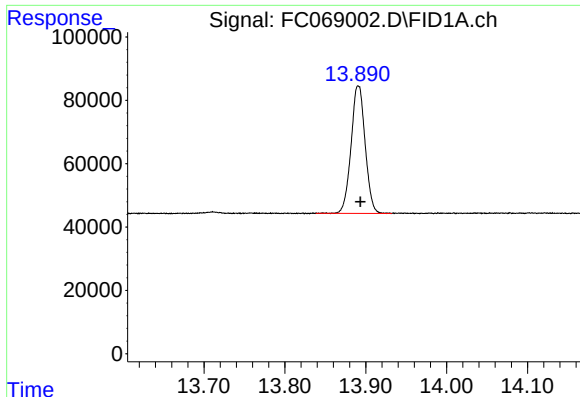
#11 n-Heneicosane (C21)

R.T.: 13.305 min
Delta R.T.: -0.002 min
Response: 490014
Conc: 4.92 ug/ml



#12 1-chlorooctadecane (SURR)

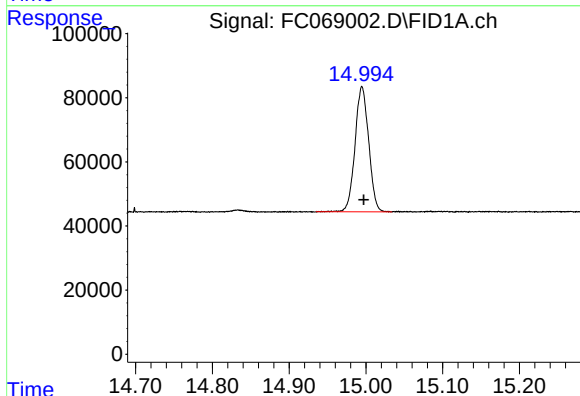
R.T.: 13.138 min
Delta R.T.: -0.001 min
Response: 452242
Conc: 4.87 ug/ml



#13 n-Docosane (C22)

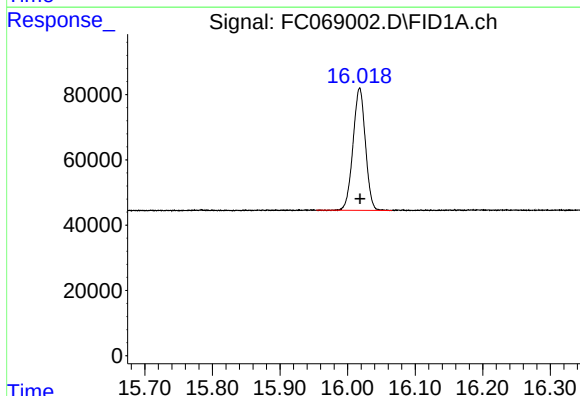
R.T.: 13.891 min
Delta R.T.: -0.003 min
Response: 486862
Conc: 4.93 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



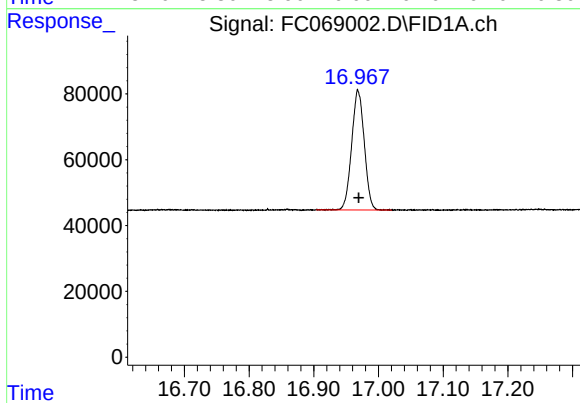
#14 n-Tetracosane (C24)

R.T.: 14.995 min
Delta R.T.: -0.002 min
Response: 483093
Conc: 4.96 ug/ml



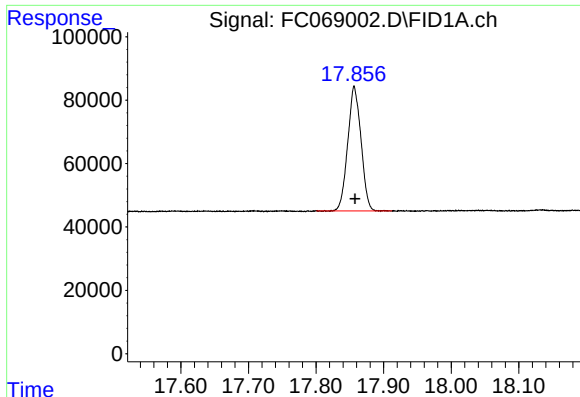
#15 n-Hexacosane (C26)

R.T.: 16.018 min
Delta R.T.: 0.000 min
Response: 477776
Conc: 4.98 ug/ml



#16 n-Octacosane (C28)

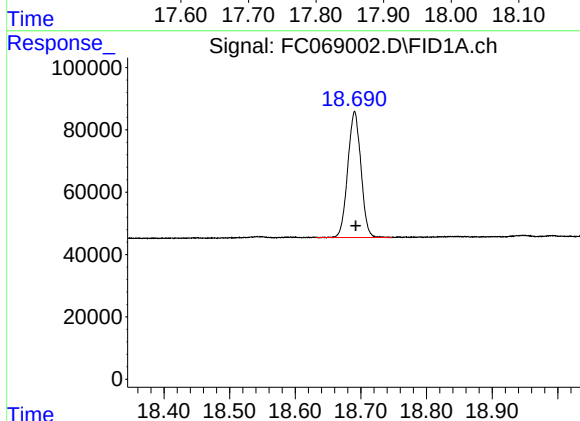
R.T.: 16.969 min
Delta R.T.: -0.001 min
Response: 492774
Conc: 5.17 ug/ml



#17 n-Tricontane (C30)

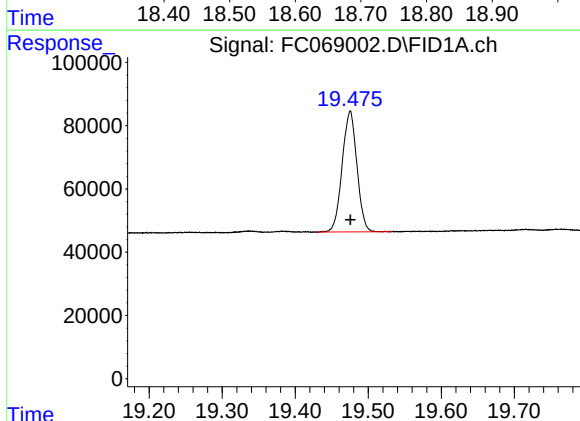
R.T.: 17.857 min
Delta R.T.: -0.001 min
Response: 536669
Conc: 5.45 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



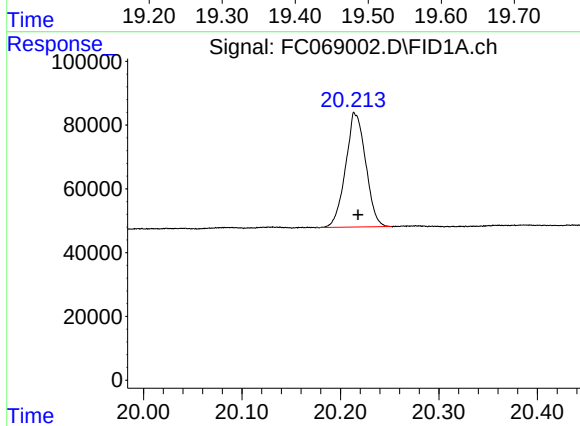
#18 n-Dotriacontane (C32)

R.T.: 18.690 min
Delta R.T.: -0.002 min
Response: 563065
Conc: 5.63 ug/ml



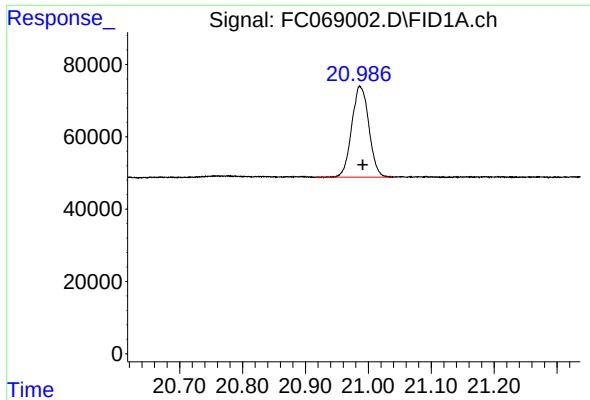
#19 n-Tetratriacontane (C34)

R.T.: 19.475 min
Delta R.T.: 0.000 min
Response: 536706
Conc: 5.50 ug/ml



#20 n-Hexatriacontane (C36)

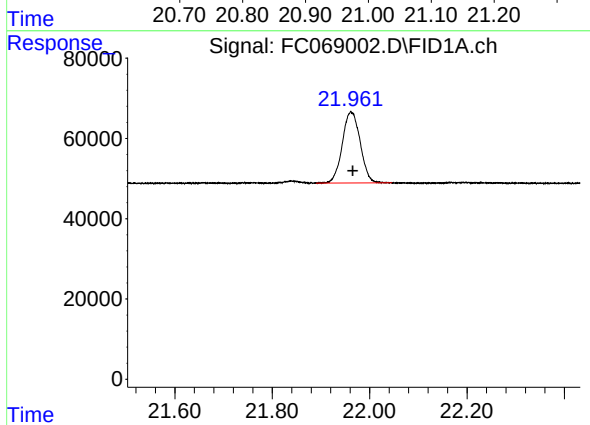
R.T.: 20.216 min
Delta R.T.: -0.002 min
Response: 507777
Conc: 5.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.987 min
Delta R.T.: -0.004 min
Response: 475775
Conc: 5.08 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.003 min
Response: 453129
Conc: 4.98 ug/ml