

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082225AL\
 Data File : FC069716.D
 Signal(s) : FID1A.ch
 Acq On : 22 Aug 2025 22:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 25 01:11:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 14:14:17 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)	11.663	2784138	18.662 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
12) S 1-chlorooctadecane (S...	13.097	2018868	18.518 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
Target Compounds			
1) T n-Nonane (C9)	3.399	2701304	18.960 ug/ml
2) T n-Decane (C10)	4.470	2775195	19.089 ug/ml
3) T A~Naphthalene (C11.7)	6.064	2929964	18.883 ug/ml
4) T n-Dodecane (C12)	6.494	2774174	18.977 ug/ml
5) T A~2-methylnaphthalene...	7.123	2769926	18.808 ug/ml
6) T n-Tetradecane (C14)	8.293	2726241	19.103 ug/ml
7) T n-Hexadecane (C16)	9.896	2741042	19.014 ug/ml
8) T n-Octadecane (C18)	11.340	2671533	18.892 ug/ml
10) T n-Eicosane (C20)	12.651	2467388	18.731 ug/ml
11) T n-Heneicosane (C21)	13.265	2381617	18.673 ug/ml
13) T n-Docosane (C22)	13.852	2328044	18.636 ug/ml
14) T n-Tetracosane (C24)	14.956	2241316	18.574 ug/ml
15) T n-Hexacosane (C26)	15.979	2140296	18.523 ug/ml
16) T n-Octacosane (C28)	16.929	2083353	18.587 ug/ml
17) T n-Tricontane (C30)	17.818	2147788	18.759 ug/ml
18) T n-Dotriacontane (C32)	18.651	2134910	19.219 ug/ml
19) T n-Tetratriacontane (C34)	19.438	1961742	19.266 ug/ml
20) T n-Hexatriacontane (C36)	20.178	1690914	18.964 ug/ml
21) T n-Octatriacontane (C38)	20.941	1485754	18.470 ug/ml
22) T n-Tetracontane (C40)	21.902	1291774	17.251 ug/ml

(f)=RT Delta > 1/2 Window

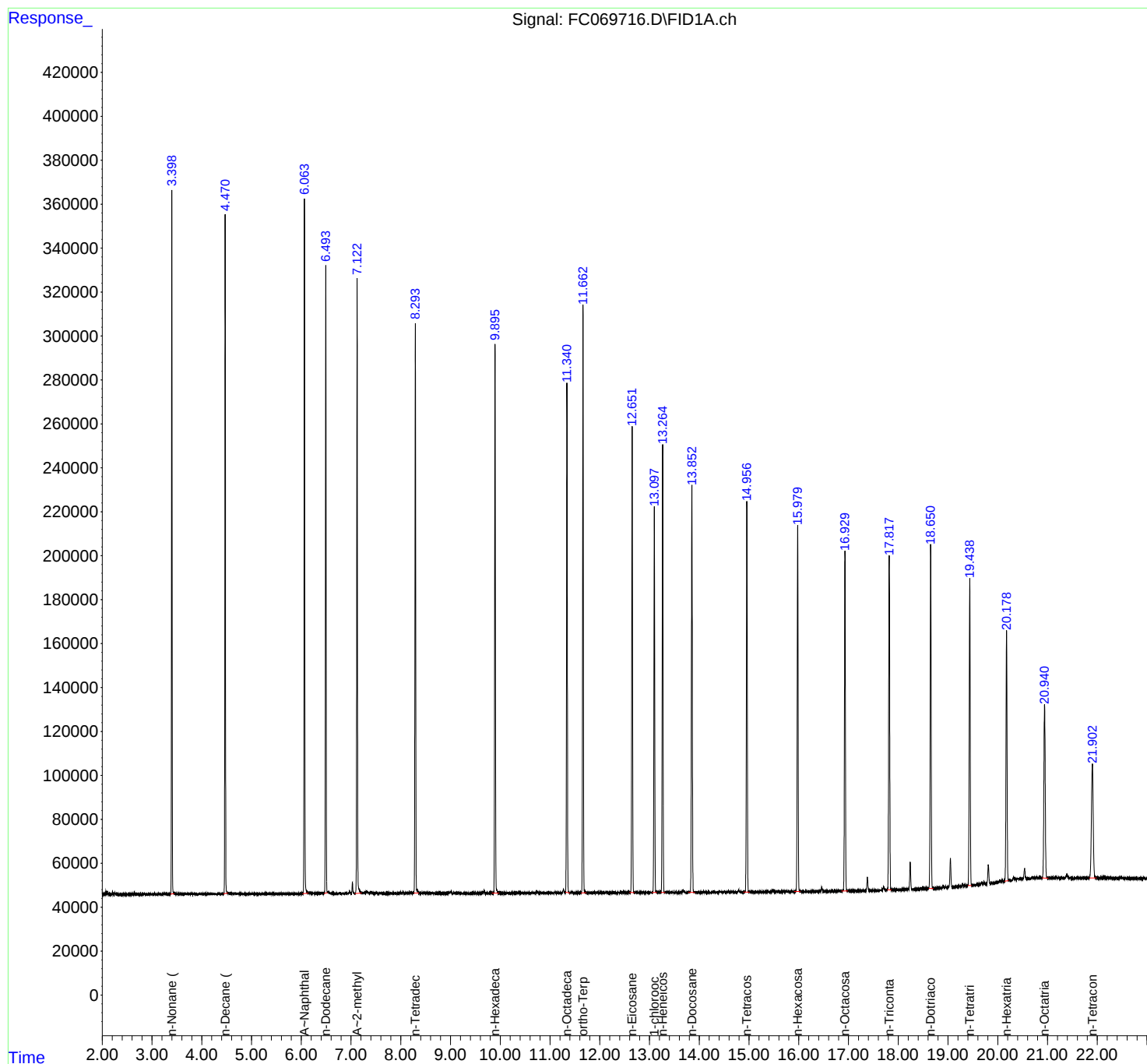
(m)=manual int.

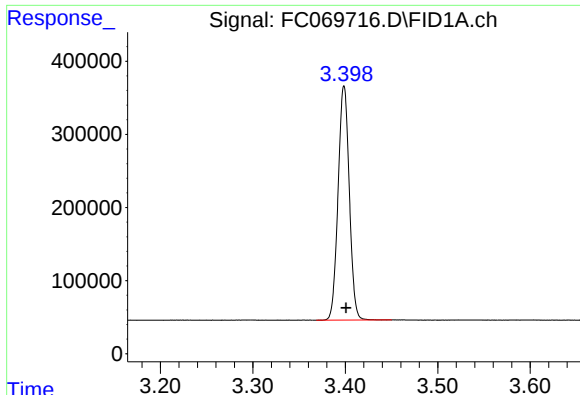
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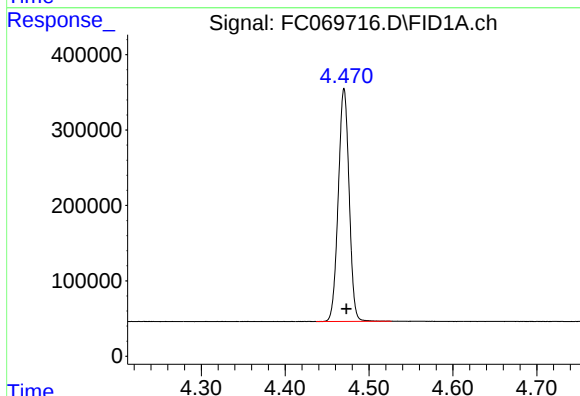




#1 n-Nonane (C9)

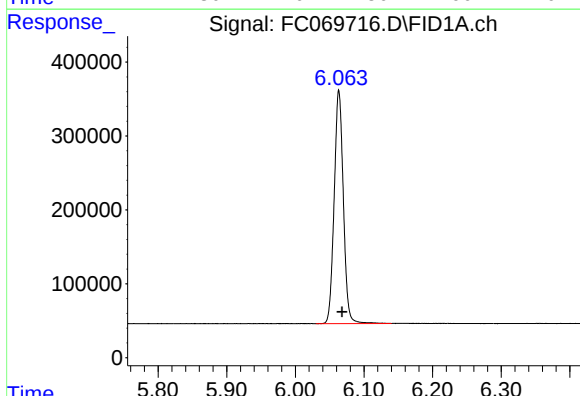
R.T.: 3.399 min
Delta R.T.: -0.002 min
Response: 2701304
Conc: 18.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



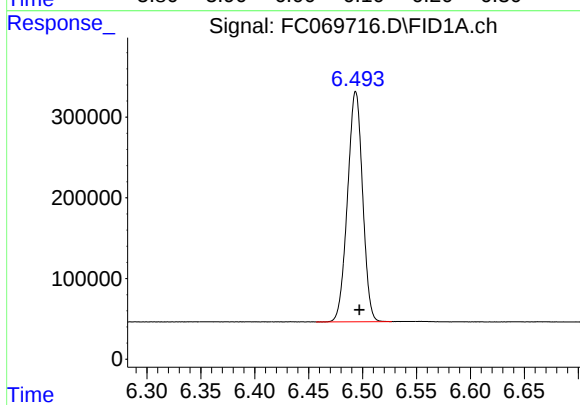
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.003 min
Response: 2775195
Conc: 19.09 ug/ml



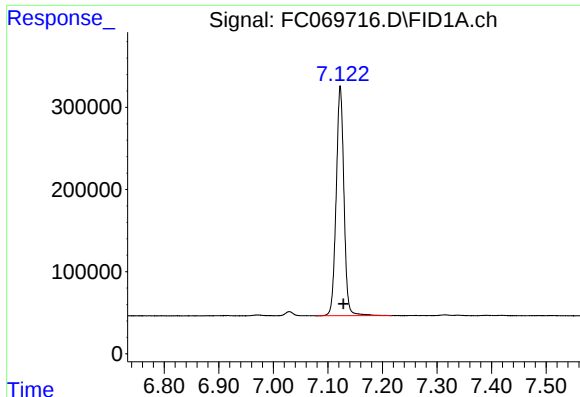
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: -0.005 min
Response: 2929964
Conc: 18.88 ug/ml



#4 n-Dodecane (C12)

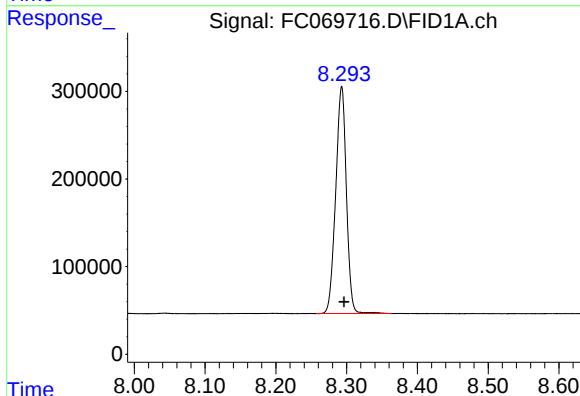
R.T.: 6.494 min
Delta R.T.: -0.003 min
Response: 2774174
Conc: 18.98 ug/ml



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

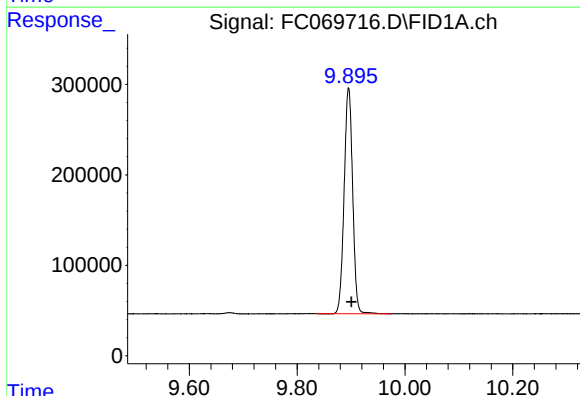
R.T.: 7.123 min
Delta R.T.: -0.005 min
Response: 2769926
Conc: 18.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



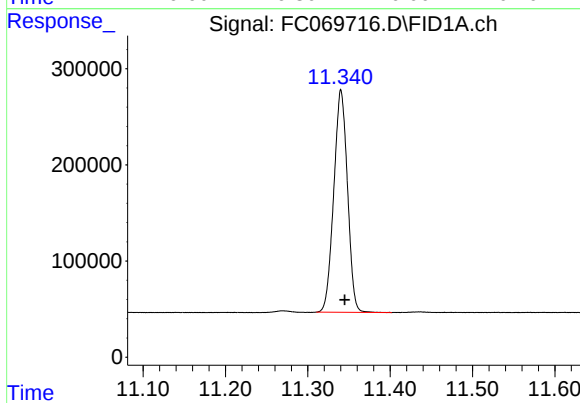
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: -0.004 min
Response: 2726241
Conc: 19.10 ug/ml



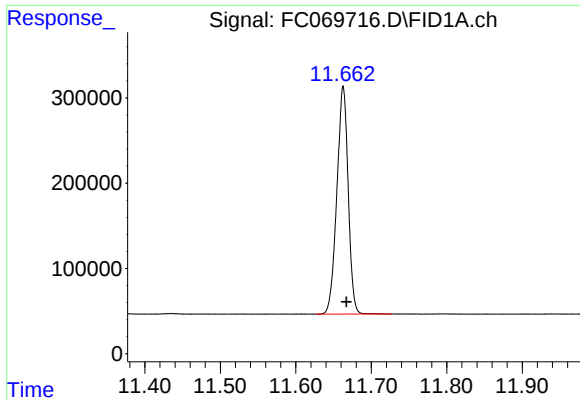
#7 n-Hexadecane (C16)

R.T.: 9.896 min
Delta R.T.: -0.005 min
Response: 2741042
Conc: 19.01 ug/ml



#8 n-Octadecane (C18)

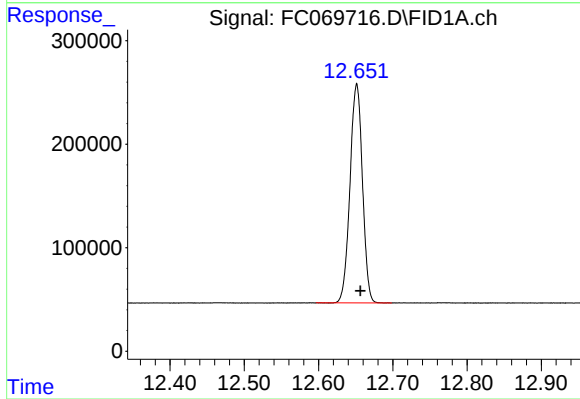
R.T.: 11.340 min
Delta R.T.: -0.004 min
Response: 2671533
Conc: 18.89 ug/ml



#9 ortho-Terphenyl (SURR)

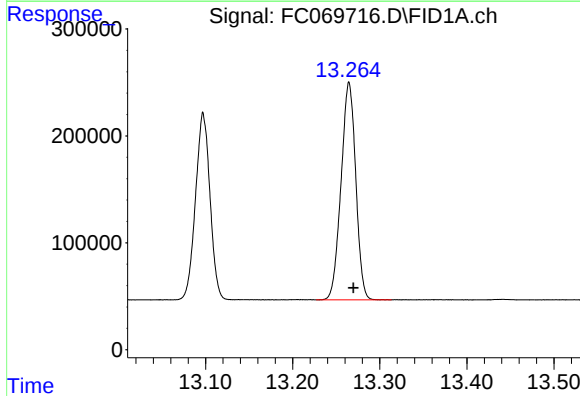
R.T.: 11.663 min
Delta R.T.: -0.004 min
Response: 2784138
Conc: 18.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



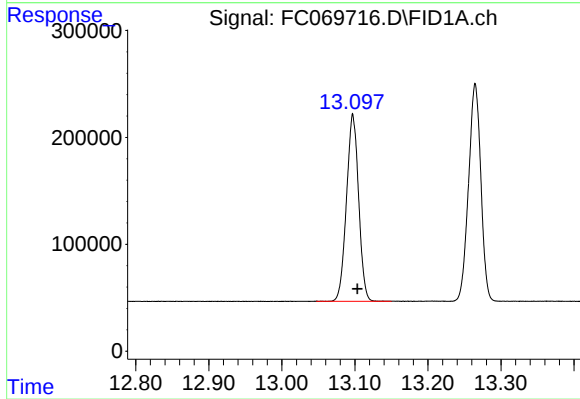
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: -0.005 min
Response: 2467388
Conc: 18.73 ug/ml



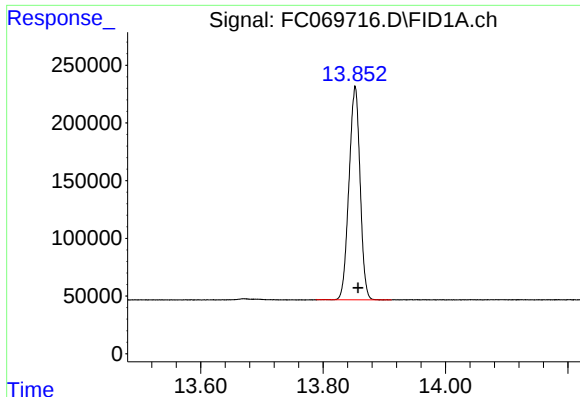
#11 n-Heneicosane (C21)

R.T.: 13.265 min
Delta R.T.: -0.005 min
Response: 2381617
Conc: 18.67 ug/ml



#12 1-chlorooctadecane (SURR)

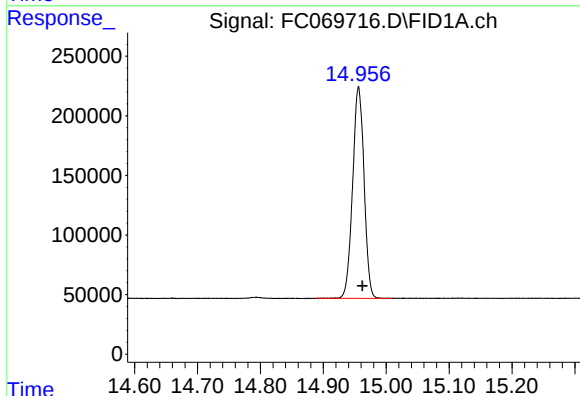
R.T.: 13.097 min
Delta R.T.: -0.006 min
Response: 2018868
Conc: 18.52 ug/ml



#13 n-Docosane (C22)

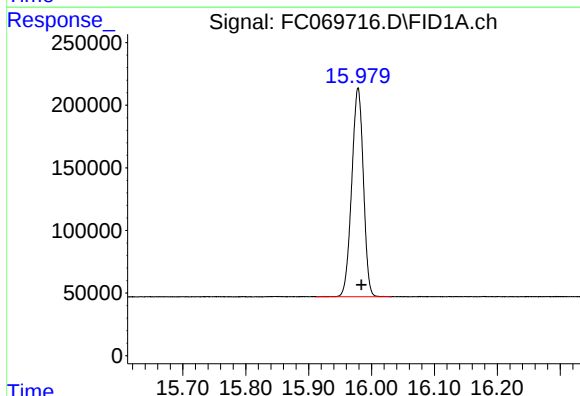
R.T.: 13.852 min
Delta R.T.: -0.005 min
Response: 2328044
Conc: 18.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



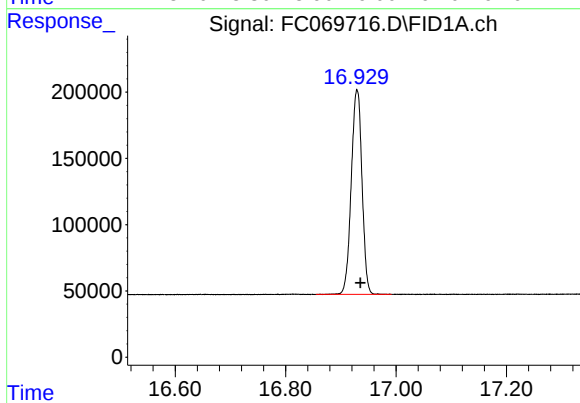
#14 n-Tetracosane (C24)

R.T.: 14.956 min
Delta R.T.: -0.006 min
Response: 2241316
Conc: 18.57 ug/ml



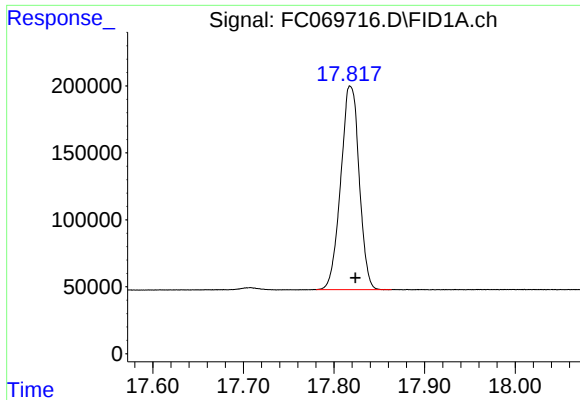
#15 n-Hexacosane (C26)

R.T.: 15.979 min
Delta R.T.: -0.005 min
Response: 2140296
Conc: 18.52 ug/ml



#16 n-Octacosane (C28)

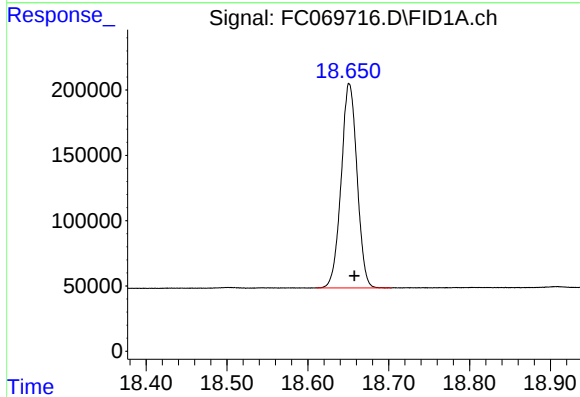
R.T.: 16.929 min
Delta R.T.: -0.006 min
Response: 2083353
Conc: 18.59 ug/ml



#17 n-Tricontane (C30)

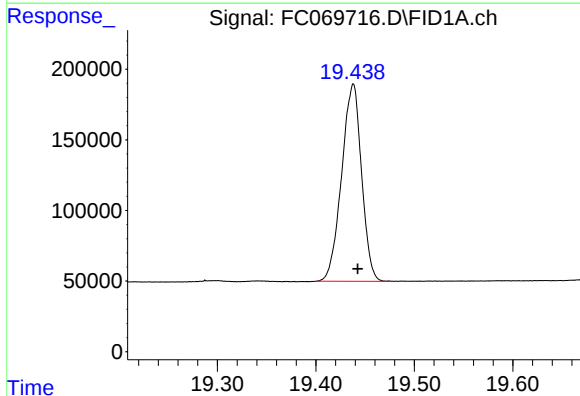
R.T.: 17.818 min
Delta R.T.: -0.005 min
Response: 2147788
Conc: 18.76 ug/ml

Instrument :
FID_C
ClientSampleId :
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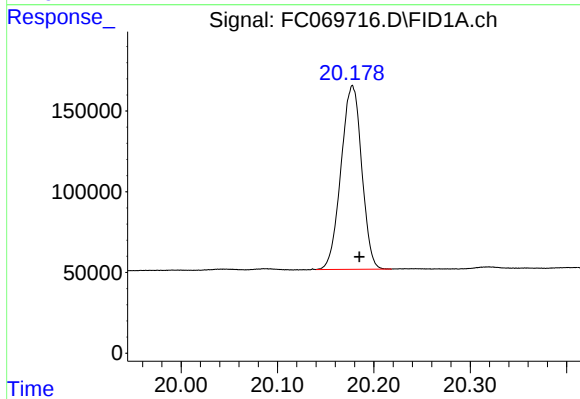
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: -0.006 min
Response: 2134910
Conc: 19.22 ug/ml



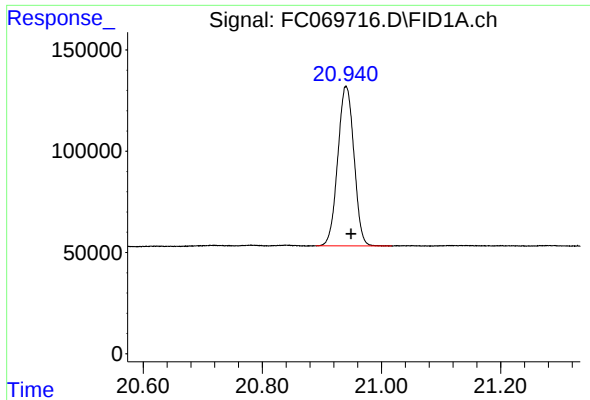
#19 n-Tetratriacontane (C34)

R.T.: 19.438 min
Delta R.T.: -0.005 min
Response: 1961742
Conc: 19.27 ug/ml



#20 n-Hexatriacontane (C36)

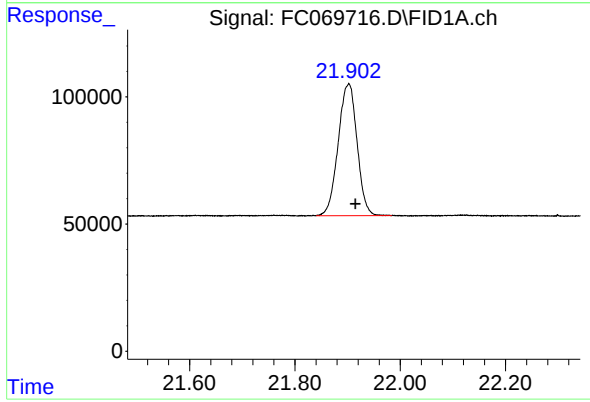
R.T.: 20.178 min
Delta R.T.: -0.007 min
Response: 1690914
Conc: 18.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.941 min
Delta R.T.: -0.009 min
Response: 1485754
Conc: 18.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.902 min
Delta R.T.: -0.013 min
Response: 1291774
Conc: 17.25 ug/ml