

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071625AL\
 Data File : FC069469.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jul 2025 23:34
 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: sample.E
 Quant Time: Jul 17 06:52:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.668	2743217	18.485 ug/ml
Spiked Amount 50.000		Recovery =	36.97%
12) S 1-chlorooctadecane (S...	13.103	2061011	18.237 ug/ml
Spiked Amount 50.000		Recovery =	36.47%
Target Compounds			
1) T n-Nonane (C9)	3.403	2546955	18.716 ug/ml
2) T n-Decane (C10)	4.475	2612455	18.770 ug/ml
3) T A~Naphthalene (C11.7)	6.068	2850278	18.862 ug/ml
4) T n-Dodecane (C12)	6.499	2643381	18.650 ug/ml
5) T A~2-methylnaphthalene...	7.128	2733774	18.712 ug/ml
6) T n-Tetradecane (C14)	8.297	2613927	18.384 ug/ml
7) T n-Hexadecane (C16)	9.901	2654711	18.188 ug/ml
8) T n-Octadecane (C18)	11.346	2608832	18.136 ug/ml
10) T n-Eicosane (C20)	12.657	2431892	18.115 ug/ml
11) T n-Heneicosane (C21)	13.270	2354970	18.130 ug/ml
13) T n-Docosane (C22)	13.856	2303872	18.139 ug/ml
14) T n-Tetracosane (C24)	14.961	2218717	18.178 ug/ml
15) T n-Hexacosane (C26)	15.983	2104927	18.118 ug/ml
16) T n-Octacosane (C28)	16.935	1987834	17.955 ug/ml
17) T n-Tricontane (C30)	17.824	1949879	17.807 ug/ml
18) T n-Dotriacontane (C32)	18.658	1847332	17.802 ug/ml
19) T n-Tetratriacontane (C34)	19.445	1704142	18.085 ug/ml
20) T n-Hexatriacontane (C36)	20.185	1504614	18.216 ug/ml
21) T n-Octatriacontane (C38)	20.950	1409678	18.560 ug/ml
22) T n-Tetracontane (C40)	21.914	1369156	18.692 ug/ml

(f)=RT Delta > 1/2 Window

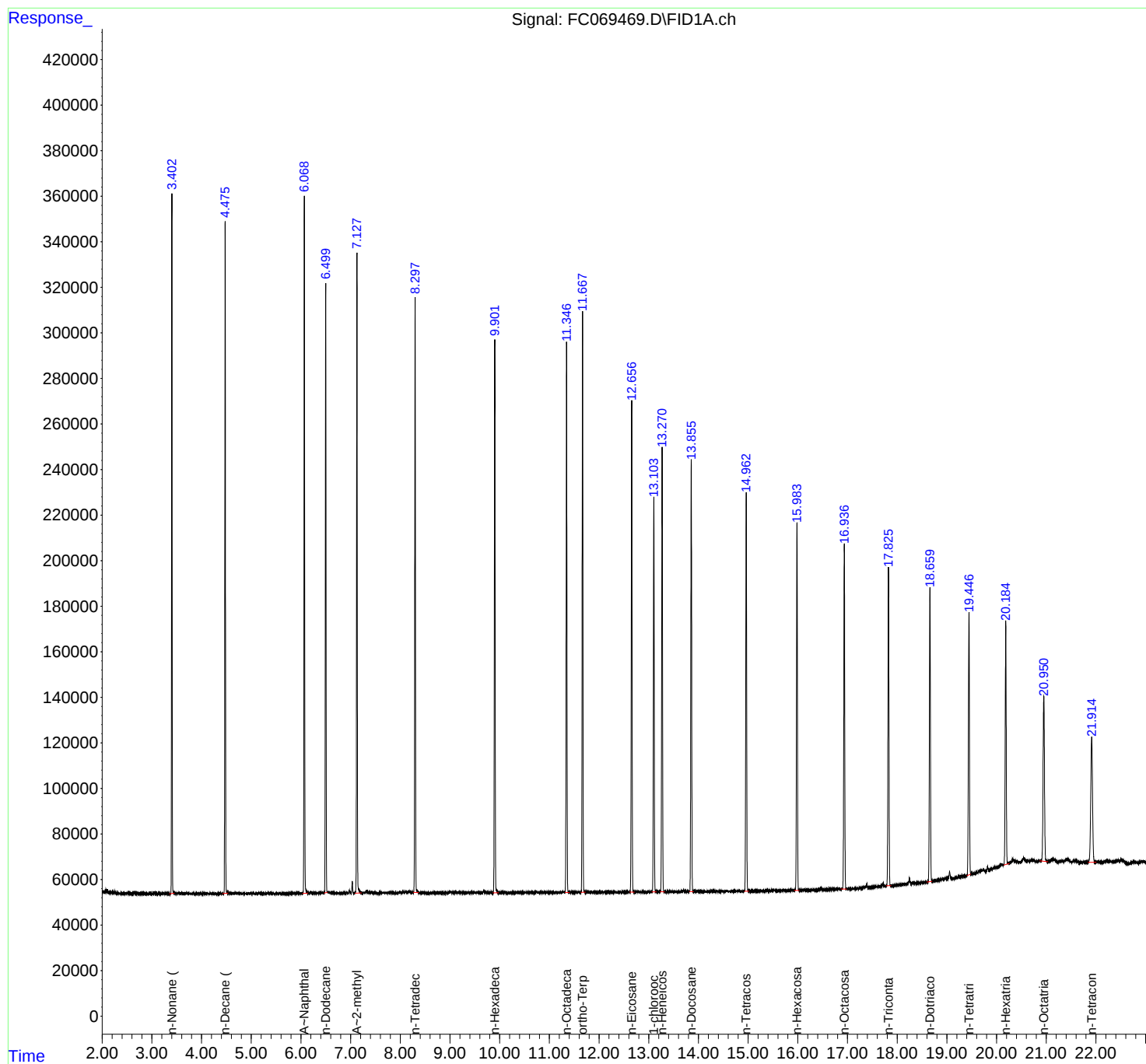
(m)=manual int.

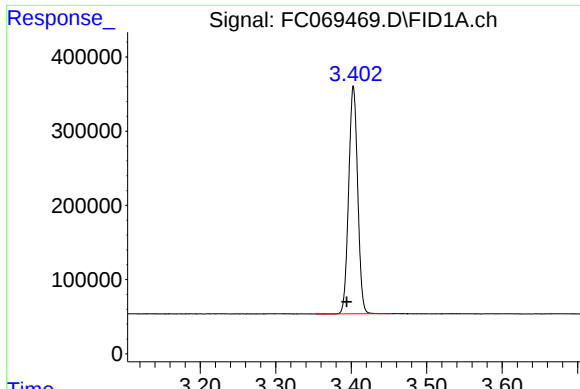
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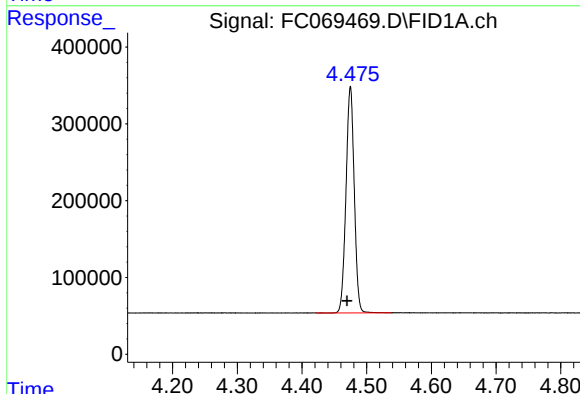




#1 n-Nonane (C9)

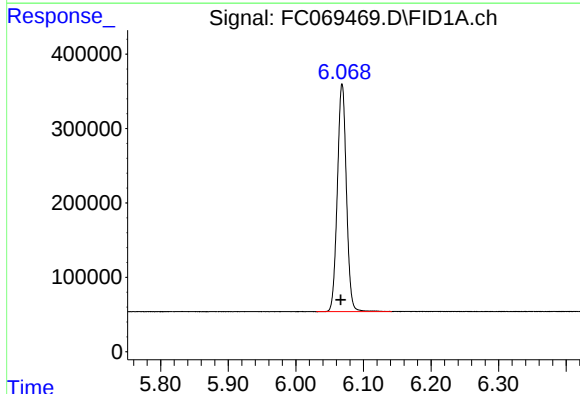
R.T.: 3.403 min
Delta R.T.: 0.009 min
Response: 2546955
Conc: 18.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



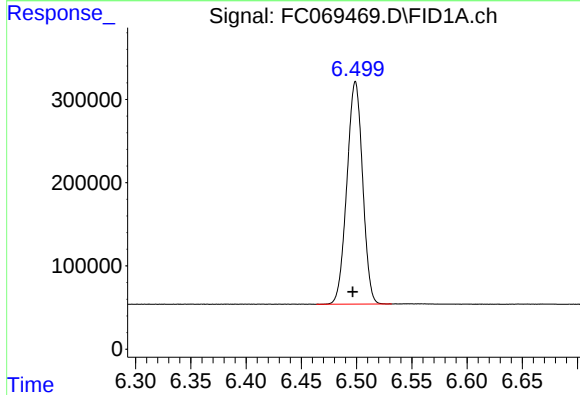
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.005 min
Response: 2612455
Conc: 18.77 ug/ml



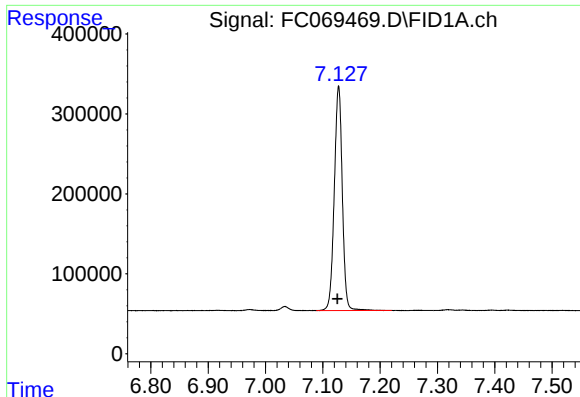
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: 0.002 min
Response: 2850278
Conc: 18.86 ug/ml



#4 n-Dodecane (C12)

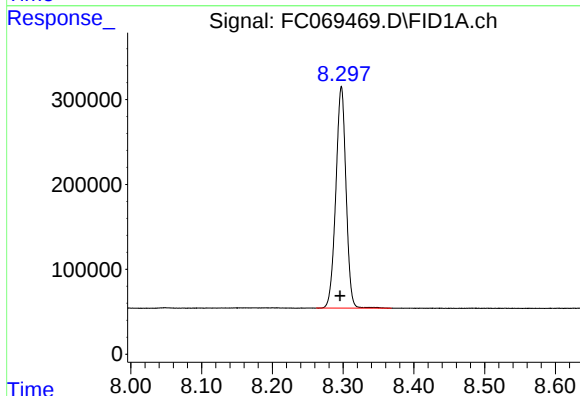
R.T.: 6.499 min
Delta R.T.: 0.003 min
Response: 2643381
Conc: 18.65 ug/ml



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

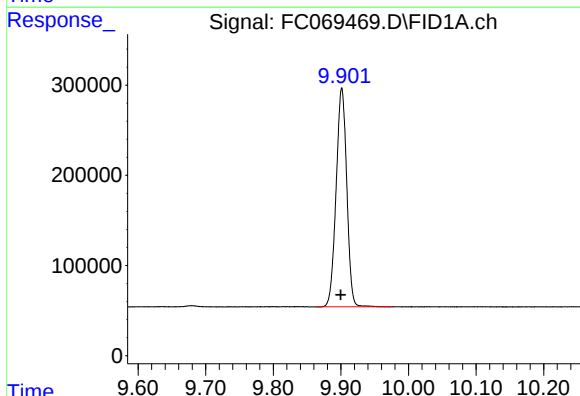
R.T.: 7.128 min
Delta R.T.: 0.002 min
Response: 2733774
Conc: 18.71 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



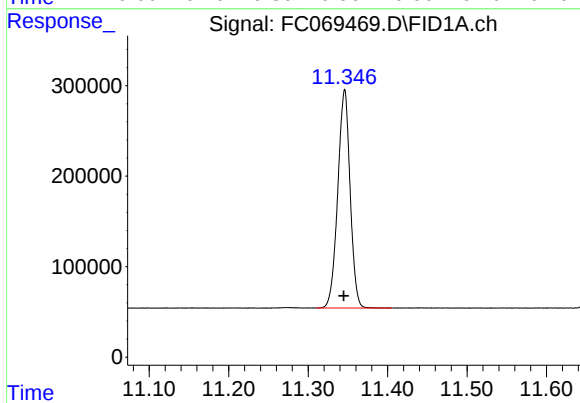
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: 0.002 min
Response: 2613927
Conc: 18.38 ug/ml



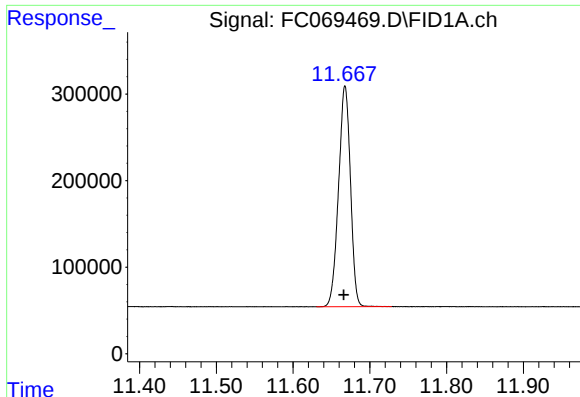
#7 n-Hexadecane (C16)

R.T.: 9.901 min
Delta R.T.: 0.002 min
Response: 2654711
Conc: 18.19 ug/ml



#8 n-Octadecane (C18)

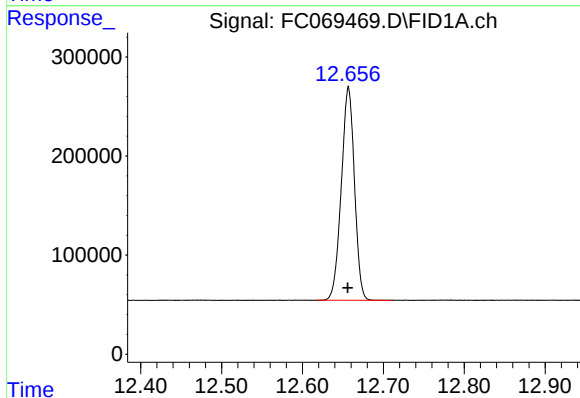
R.T.: 11.346 min
Delta R.T.: 0.000 min
Response: 2608832
Conc: 18.14 ug/ml



#9 ortho-Terphenyl (SURR)

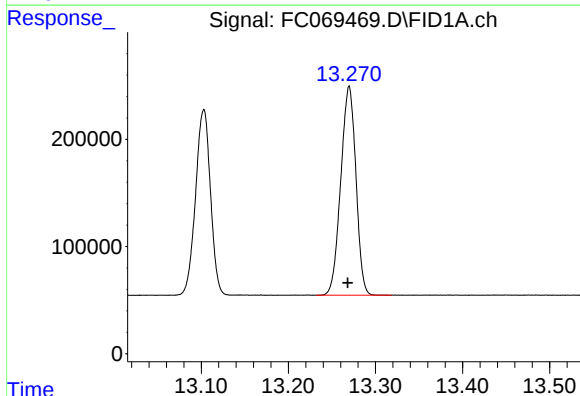
R.T.: 11.668 min
Delta R.T.: 0.002 min
Response: 2743217
Conc: 18.48 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



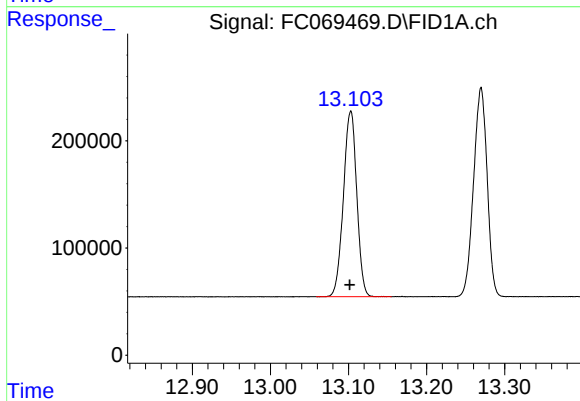
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: 0.001 min
Response: 2431892
Conc: 18.11 ug/ml



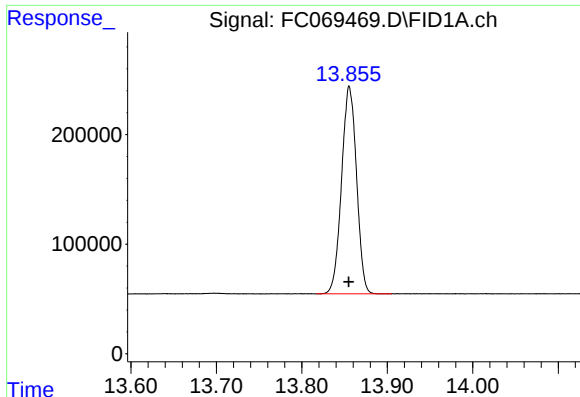
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: 0.001 min
Response: 2354970
Conc: 18.13 ug/ml



#12 1-chlorooctadecane (SURR)

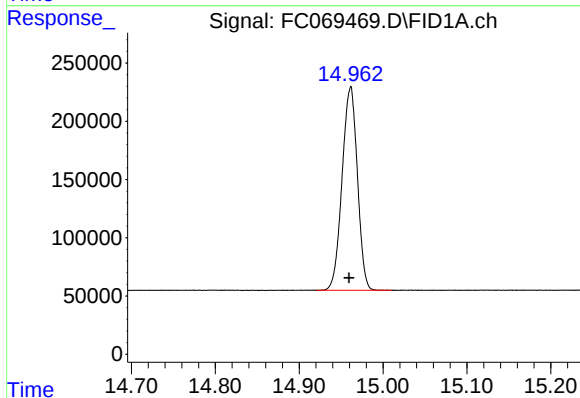
R.T.: 13.103 min
Delta R.T.: 0.001 min
Response: 2061011
Conc: 18.24 ug/ml



#13 n-Docosane (C22)

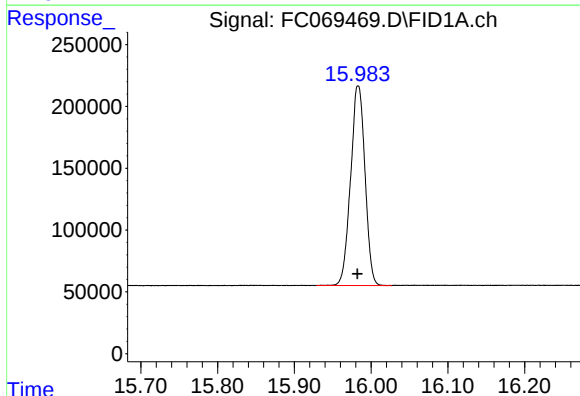
R.T.: 13.856 min
Delta R.T.: 0.000 min
Response: 2303872
Conc: 18.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



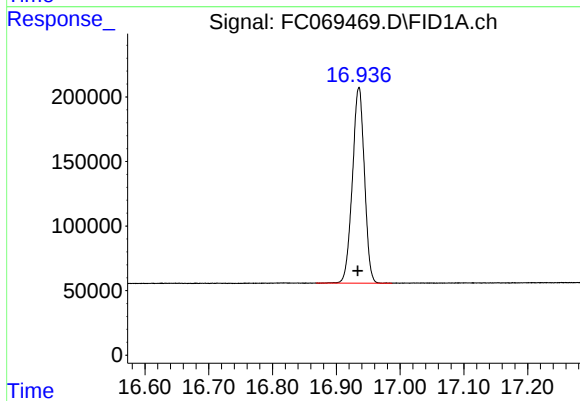
#14 n-Tetracosane (C24)

R.T.: 14.961 min
Delta R.T.: 0.002 min
Response: 2218717
Conc: 18.18 ug/ml



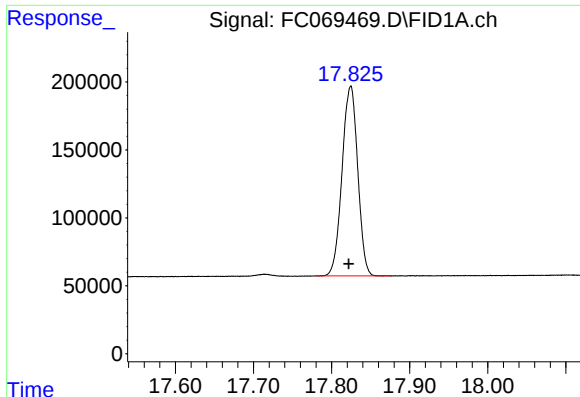
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: 0.001 min
Response: 2104927
Conc: 18.12 ug/ml



#16 n-Octacosane (C28)

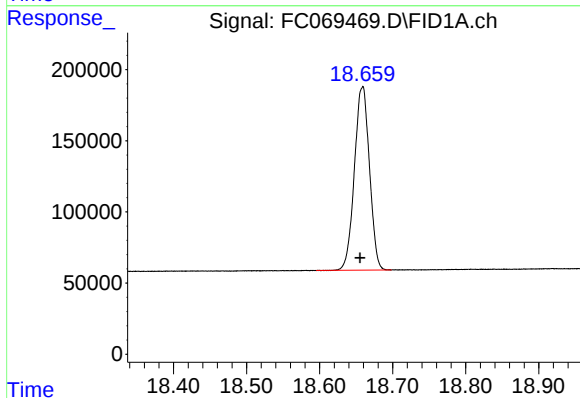
R.T.: 16.935 min
Delta R.T.: 0.002 min
Response: 1987834
Conc: 17.95 ug/ml



#17 n-Tricontane (C30)

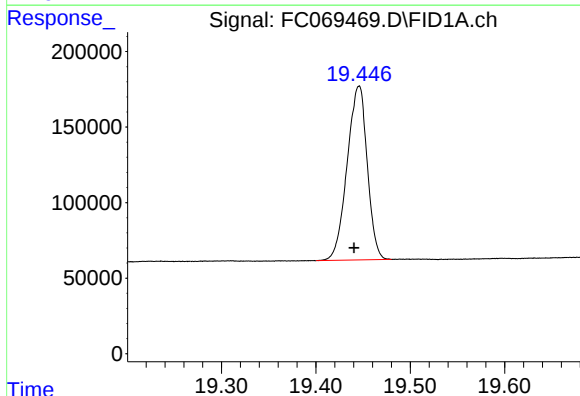
R.T.: 17.824 min
Delta R.T.: 0.002 min
Response: 1949879
Conc: 17.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



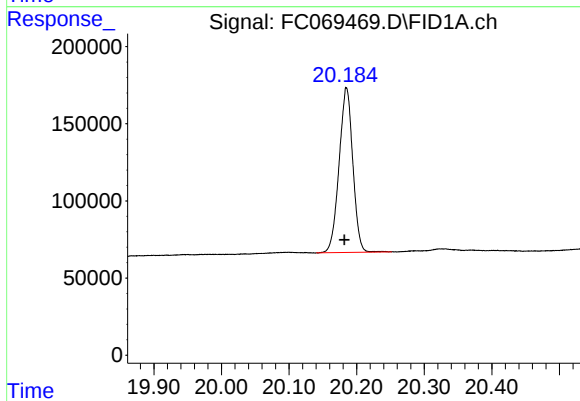
#18 n-Dotriacontane (C32)

R.T.: 18.658 min
Delta R.T.: 0.003 min
Response: 1847332
Conc: 17.80 ug/ml



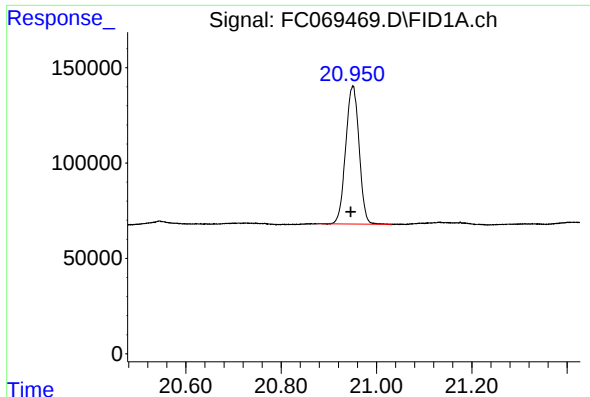
#19 n-Tetratriacontane (C34)

R.T.: 19.445 min
Delta R.T.: 0.005 min
Response: 1704142
Conc: 18.09 ug/ml



#20 n-Hexatriacontane (C36)

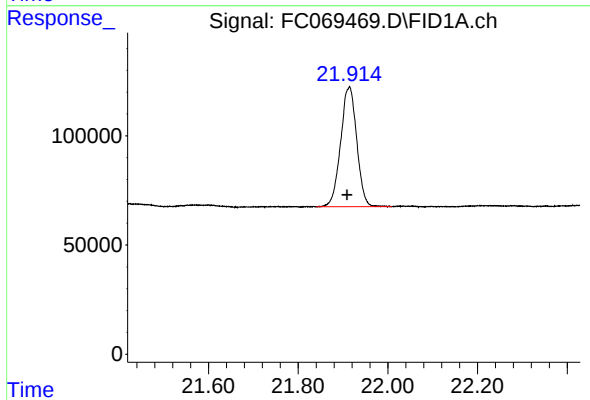
R.T.: 20.185 min
Delta R.T.: 0.003 min
Response: 1504614
Conc: 18.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.950 min
Delta R.T.: 0.004 min
Response: 1409678
Conc: 18.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.914 min
Delta R.T.: 0.005 min
Response: 1369156
Conc: 18.69 ug/ml