

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081525AL\
 Data File : FC069675.D
 Signal(s) : FID1A.ch
 Acq On : 15 Aug 2025 15:10
 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 18 01:20:12 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)	11.660	2674422	17.927 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
12) S 1-chlorooctadecane (S...	13.096	1991426	18.266 ug/ml
Spiked Amount 50.000		Recovery =	36.53%
Target Compounds			
1) T n-Nonane (C9)	3.394	2590057	18.179 ug/ml
2) T n-Decane (C10)	4.466	2643691	18.185 ug/ml
3) T A~Naphthalene (C11.7)	6.060	2819642	18.172 ug/ml
4) T n-Dodecane (C12)	6.490	2643818	18.085 ug/ml
5) T A~2-methylnaphthalene...	7.120	2677427	18.180 ug/ml
6) T n-Tetradecane (C14)	8.289	2585035	18.114 ug/ml
7) T n-Hexadecane (C16)	9.893	2601079	18.043 ug/ml
8) T n-Octadecane (C18)	11.337	2538083	17.948 ug/ml
10) T n-Eicosane (C20)	12.649	2369967	17.991 ug/ml
11) T n-Heneicosane (C21)	13.262	2296466	18.005 ug/ml
13) T n-Docosane (C22)	13.850	2248078	17.996 ug/ml
14) T n-Tetracosane (C24)	14.953	2167826	17.965 ug/ml
15) T n-Hexacosane (C26)	15.977	2069034	17.906 ug/ml
16) T n-Octacosane (C28)	16.928	1983403	17.695 ug/ml
17) T n-Tricontane (C30)	17.816	1958055	17.101 ug/ml
18) T n-Dotriacontane (C32)	18.649	1878651	16.912 ug/ml
19) T n-Tetratriacontane (C34)	19.435	1737639	17.065 ug/ml
20) T n-Hexatriacontane (C36)	20.176	1546366	17.343 ug/ml
21) T n-Octatriacontane (C38)	20.940	1438237	17.879 ug/ml
22) T n-Tetracontane (C40)	21.900	1375663	18.371 ug/ml

(f)=RT Delta > 1/2 Window

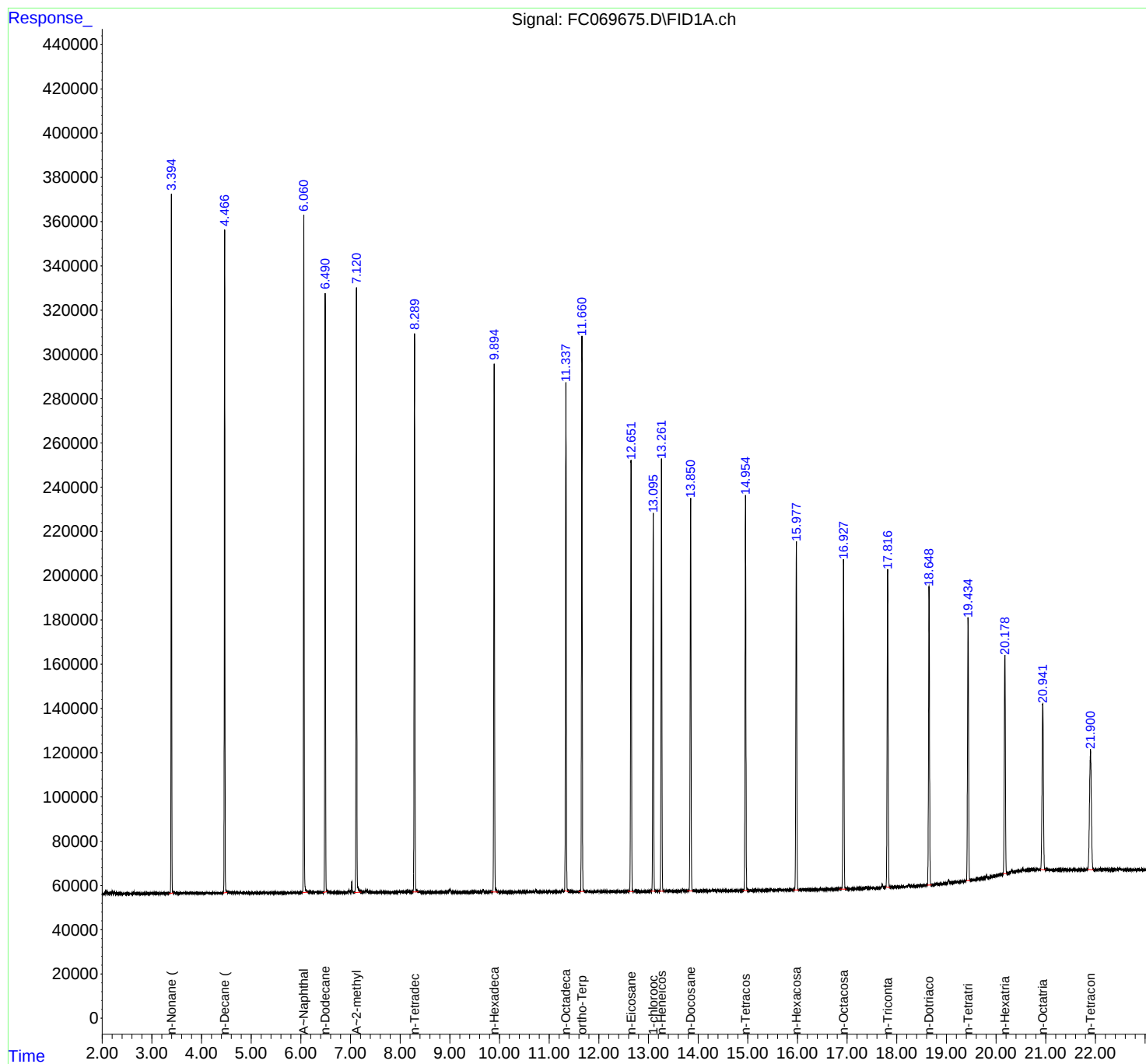
(m)=manual int.

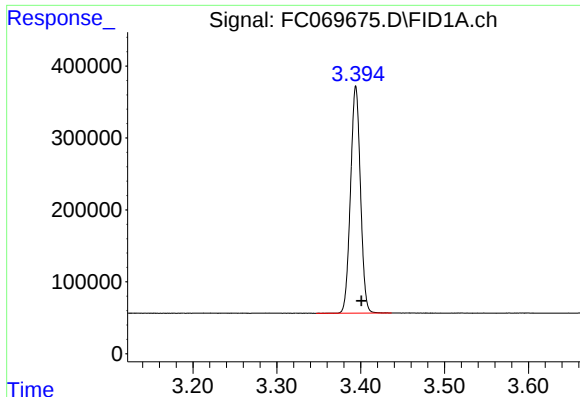
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081525AL\
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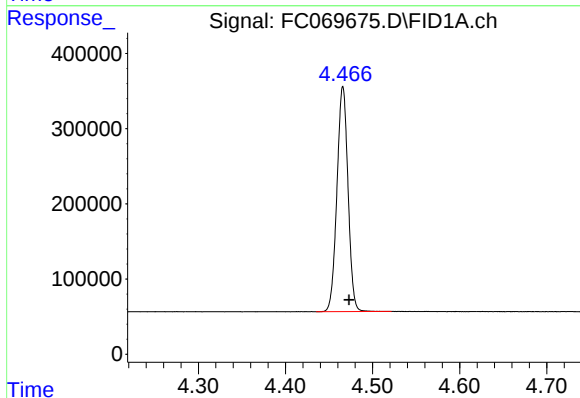




#1 n-Nonane (C9)

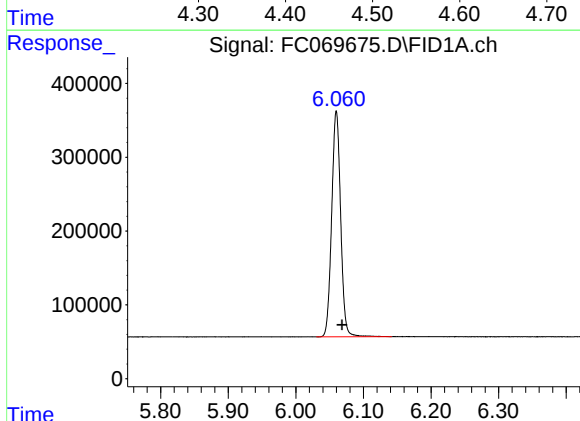
R.T.: 3.394 min
Delta R.T.: -0.007 min
Response: 2590057
Conc: 18.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



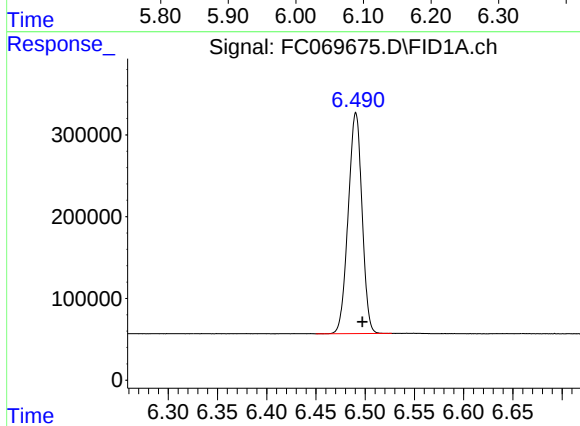
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.007 min
Response: 2643691
Conc: 18.18 ug/ml



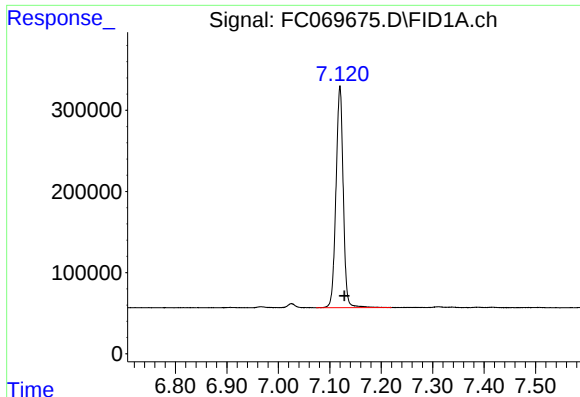
#3 A~Naphthalene (C11.7)

R.T.: 6.060 min
Delta R.T.: -0.008 min
Response: 2819642
Conc: 18.17 ug/ml



#4 n-Dodecane (C12)

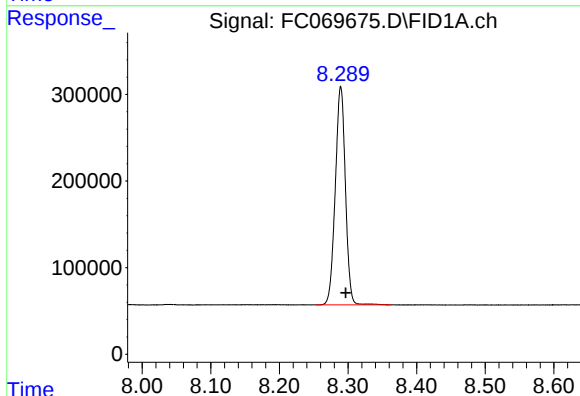
R.T.: 6.490 min
Delta R.T.: -0.007 min
Response: 2643818
Conc: 18.09 ug/ml



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

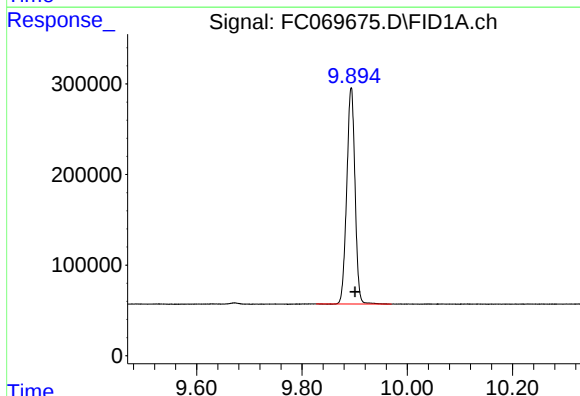
R.T.: 7.120 min
Delta R.T.: -0.008 min
Response: 2677427
Conc: 18.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



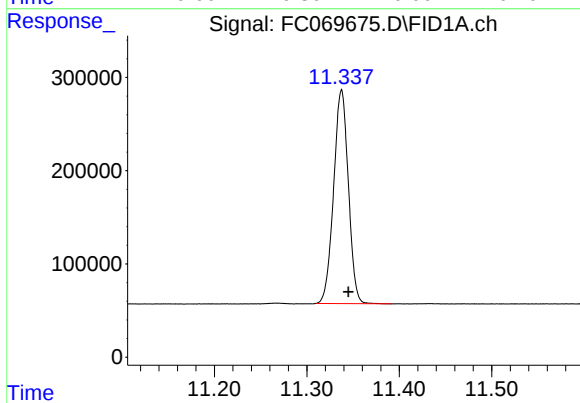
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: -0.007 min
Response: 2585035
Conc: 18.11 ug/ml



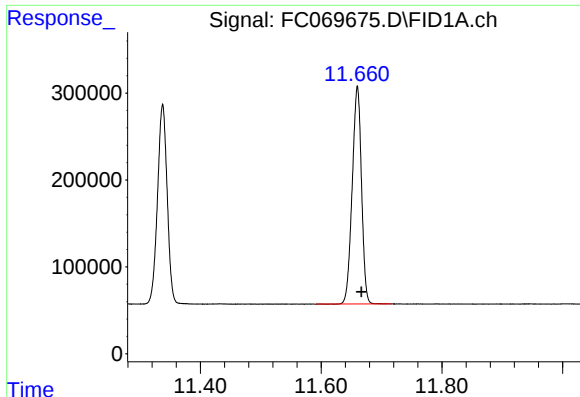
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: -0.008 min
Response: 2601079
Conc: 18.04 ug/ml



#8 n-Octadecane (C18)

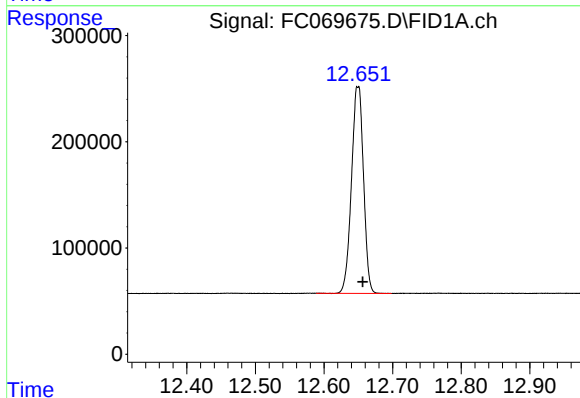
R.T.: 11.337 min
Delta R.T.: -0.007 min
Response: 2538083
Conc: 17.95 ug/ml



#9 ortho-Terphenyl (SURR)

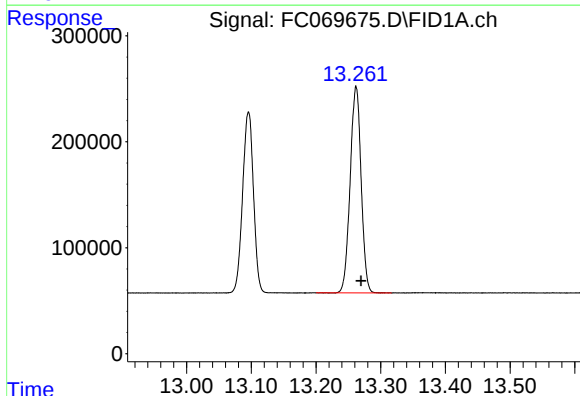
R.T.: 11.660 min
Delta R.T.: -0.007 min
Response: 2674422
Conc: 17.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



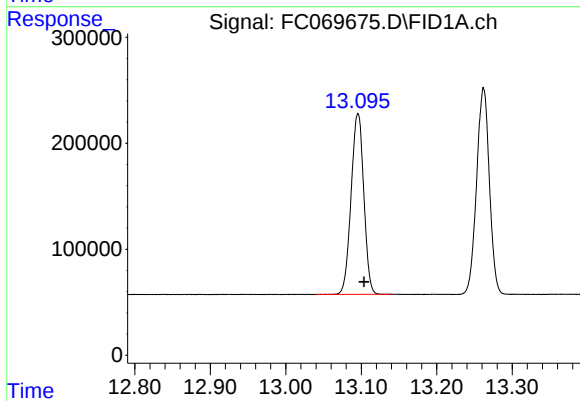
#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: -0.007 min
Response: 2369967
Conc: 17.99 ug/ml



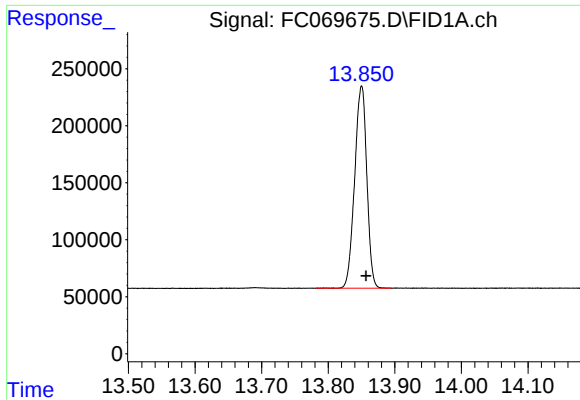
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: -0.008 min
Response: 2296466
Conc: 18.01 ug/ml



#12 1-chlorooctadecane (SURR)

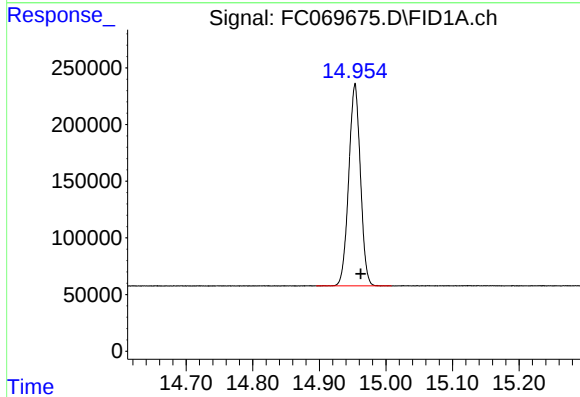
R.T.: 13.096 min
Delta R.T.: -0.008 min
Response: 1991426
Conc: 18.27 ug/ml



#13 n-Docosane (C22)

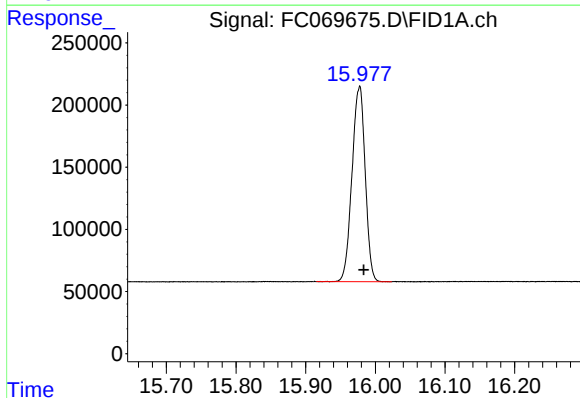
R.T.: 13.850 min
Delta R.T.: -0.007 min
Response: 2248078
Conc: 18.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



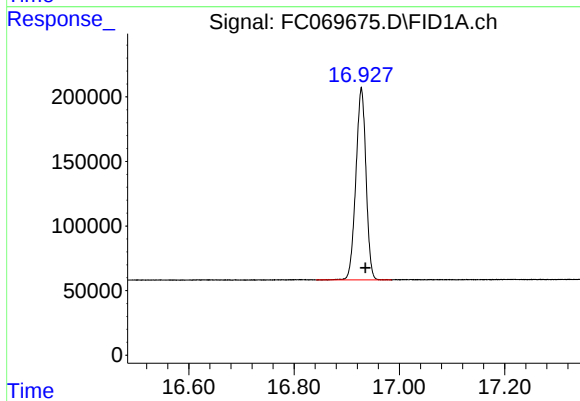
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: -0.009 min
Response: 2167826
Conc: 17.96 ug/ml



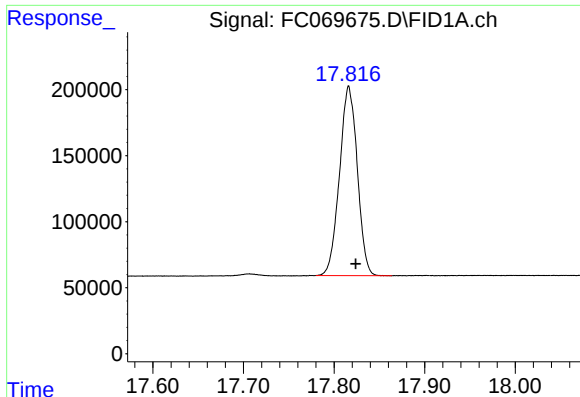
#15 n-Hexacosane (C26)

R.T.: 15.977 min
Delta R.T.: -0.007 min
Response: 2069034
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

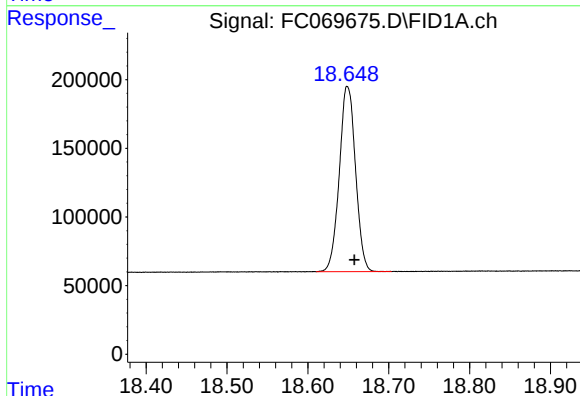
R.T.: 16.928 min
Delta R.T.: -0.007 min
Response: 1983403
Conc: 17.69 ug/ml



#17 n-Tricontane (C30)

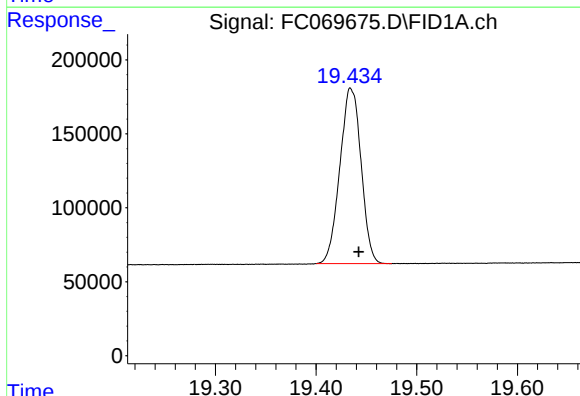
R.T.: 17.816 min
Delta R.T.: -0.007 min
Response: 1958055
Conc: 17.10 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



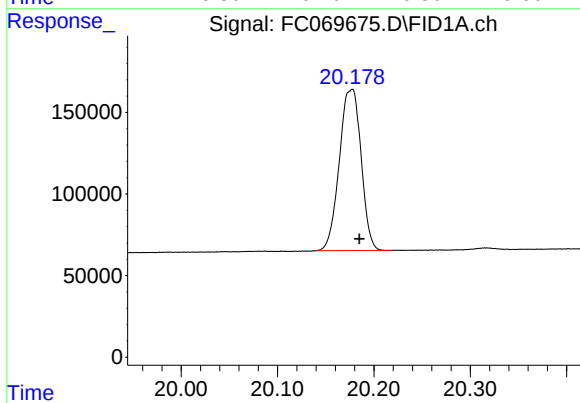
#18 n-Dotriacontane (C32)

R.T.: 18.649 min
Delta R.T.: -0.008 min
Response: 1878651
Conc: 16.91 ug/ml



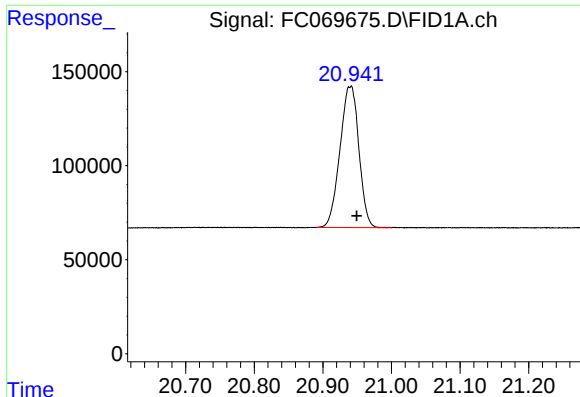
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: -0.008 min
Response: 1737639
Conc: 17.07 ug/ml



#20 n-Hexatriacontane (C36)

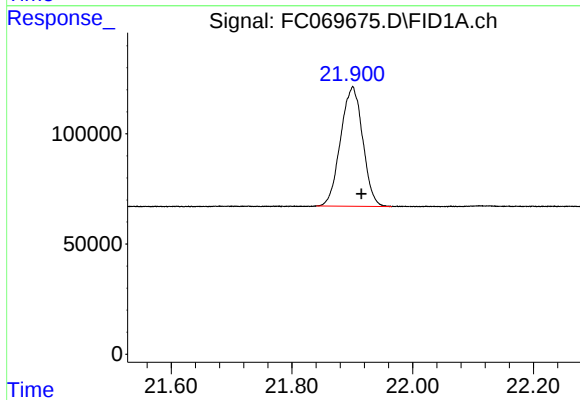
R.T.: 20.176 min
Delta R.T.: -0.009 min
Response: 1546366
Conc: 17.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.940 min
Delta R.T.: -0.009 min
Response: 1438237
Conc: 17.88 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: -0.015 min
Response: 1375663
Conc: 18.37 ug/ml