

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081825AL\
 Data File : FC069689.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2025 10:22
 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 13:26:51 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	2734915	18.332 ug/ml
Spiked Amount 50.000		Recovery =	36.66%
12) S 1-chlorooctadecane (S...	13.096	1980431	18.165 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
Target Compounds			
1) T n-Nonane (C9)	3.396	2576704	18.086 ug/ml
2) T n-Decane (C10)	4.467	2635468	18.128 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2833204	18.259 ug/ml
4) T n-Dodecane (C12)	6.491	2633342	18.014 ug/ml
5) T A~2-methylnaphthalene...	7.120	2688445	18.255 ug/ml
6) T n-Tetradecane (C14)	8.289	2578265	18.066 ug/ml
7) T n-Hexadecane (C16)	9.894	2600975	18.042 ug/ml
8) T n-Octadecane (C18)	11.339	2547828	18.017 ug/ml
10) T n-Eicosane (C20)	12.650	2387405	18.124 ug/ml
11) T n-Heneicosane (C21)	13.263	2321214	18.199 ug/ml
13) T n-Docosane (C22)	13.850	2277958	18.235 ug/ml
14) T n-Tetracosane (C24)	14.955	2214268	18.350 ug/ml
15) T n-Hexacosane (C26)	15.977	2121305	18.358 ug/ml
16) T n-Octacosane (C28)	16.928	2031414	18.123 ug/ml
17) T n-Tricontane (C30)	17.816	2010005	17.555 ug/ml
18) T n-Dotriacontane (C32)	18.650	1921438	17.297 ug/ml
19) T n-Tetratriacontane (C34)	19.435	1765503	17.339 ug/ml
20) T n-Hexatriacontane (C36)	20.177	1538978	17.260 ug/ml
21) T n-Octatriacontane (C38)	20.940	1392345	17.309 ug/ml
22) T n-Tetracontane (C40)	21.900	1266740	16.917 ug/ml

(f)=RT Delta > 1/2 Window

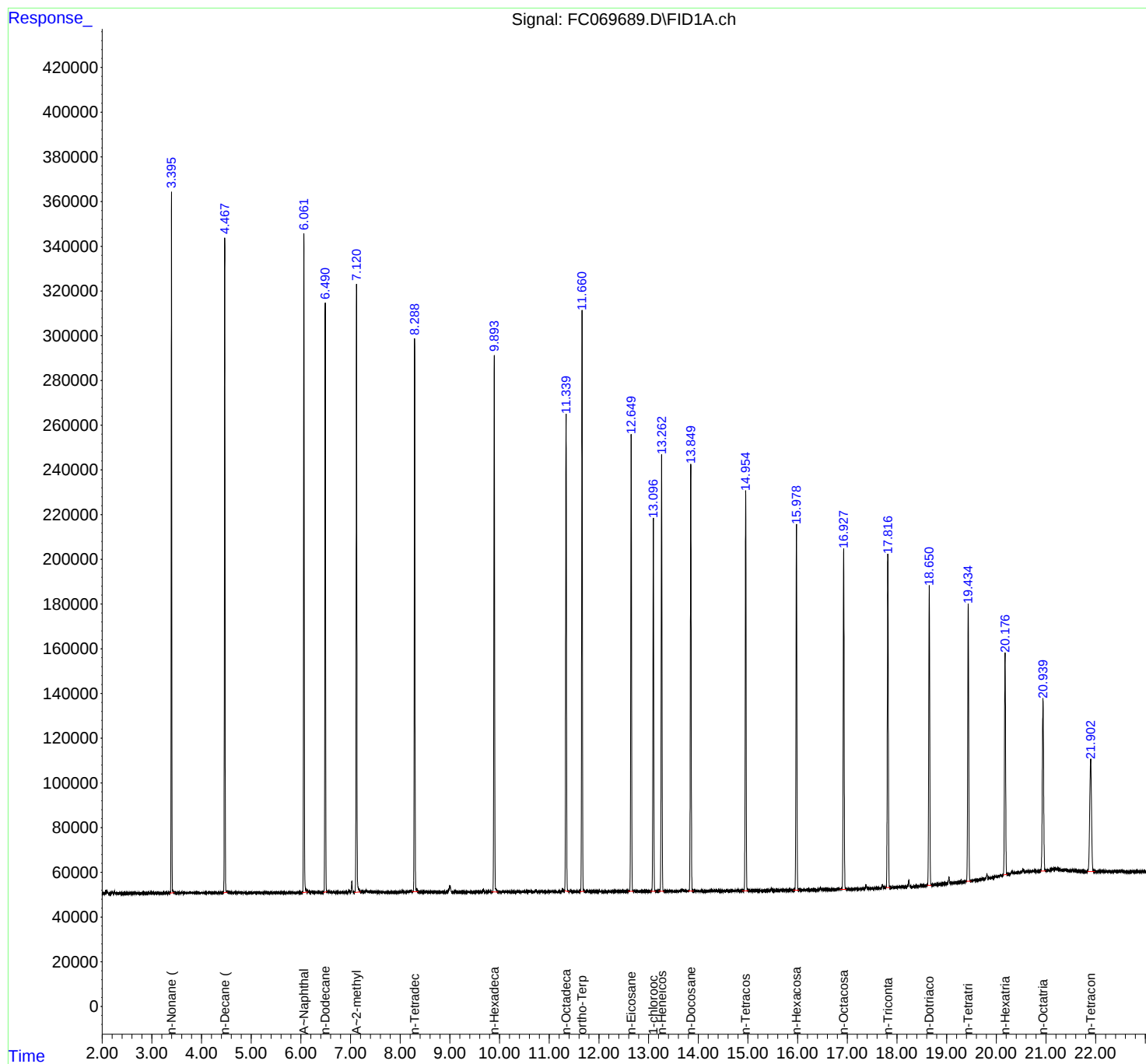
(m)=manual int.

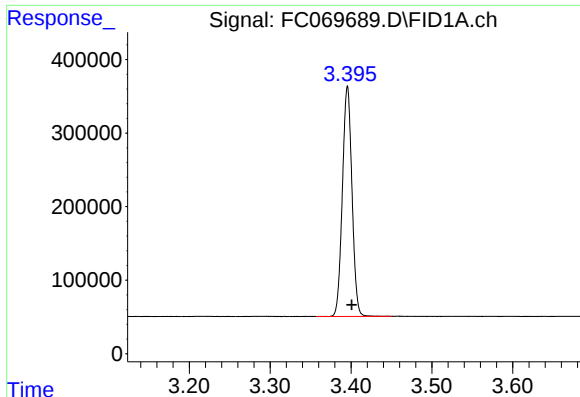
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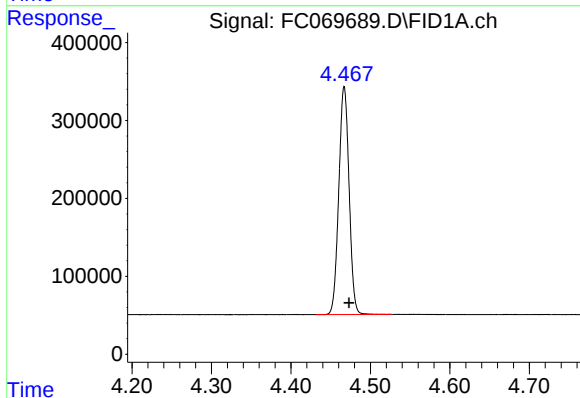




#1 n-Nonane (C9)

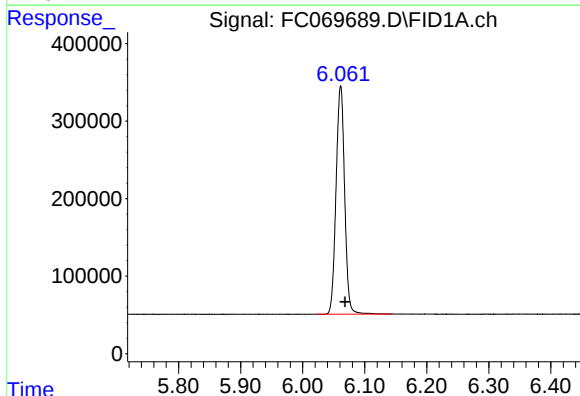
R.T.: 3.396 min
Delta R.T.: -0.005 min
Response: 2576704
Conc: 18.09 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



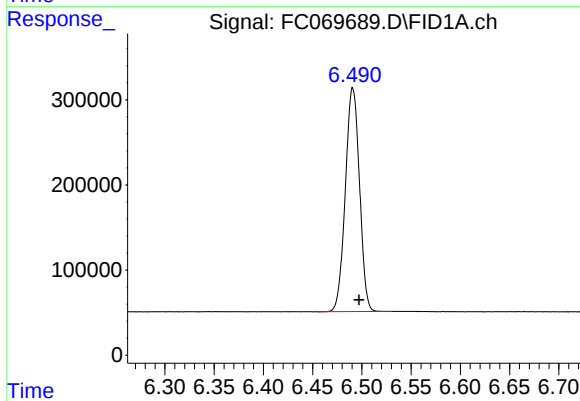
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.006 min
Response: 2635468
Conc: 18.13 ug/ml



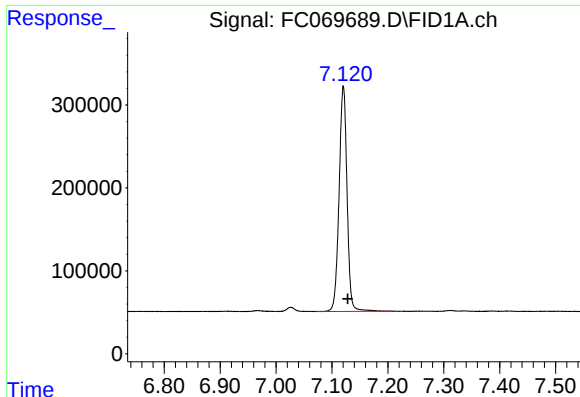
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: -0.007 min
Response: 2833204
Conc: 18.26 ug/ml



#4 n-Dodecane (C12)

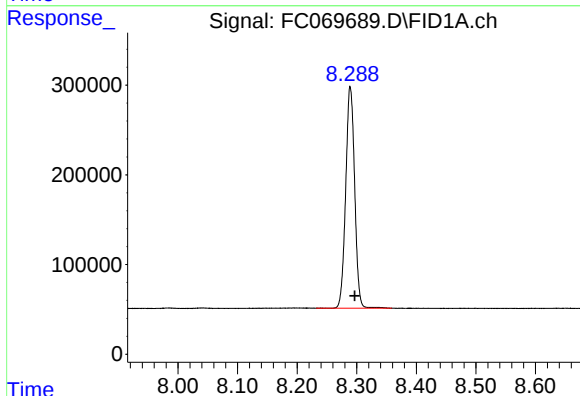
R.T.: 6.491 min
Delta R.T.: -0.006 min
Response: 2633342
Conc: 18.01 ug/ml



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

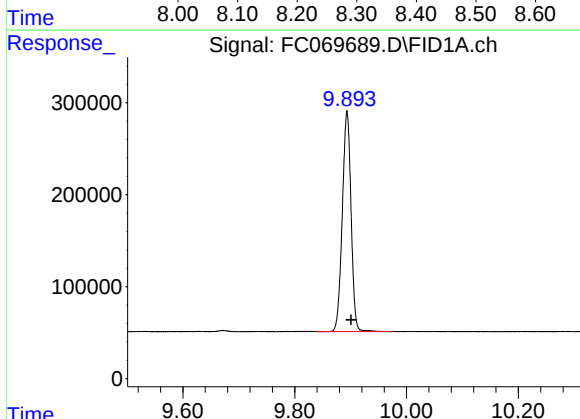
R.T.: 7.120 min
Delta R.T.: -0.008 min
Response: 2688445
Conc: 18.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



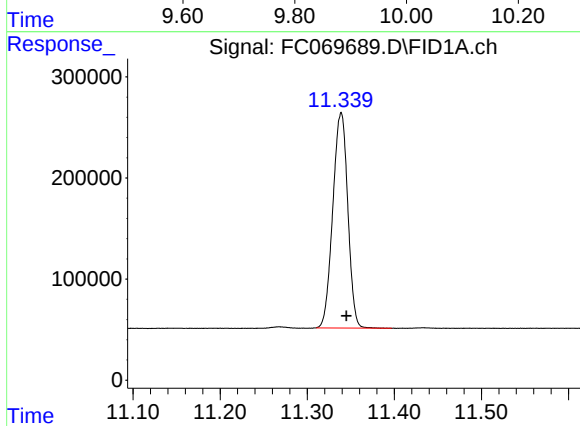
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: -0.007 min
Response: 2578265
Conc: 18.07 ug/ml



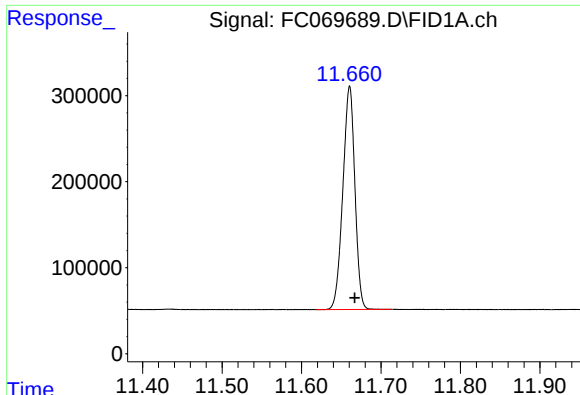
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: -0.007 min
Response: 2600975
Conc: 18.04 ug/ml



#8 n-Octadecane (C18)

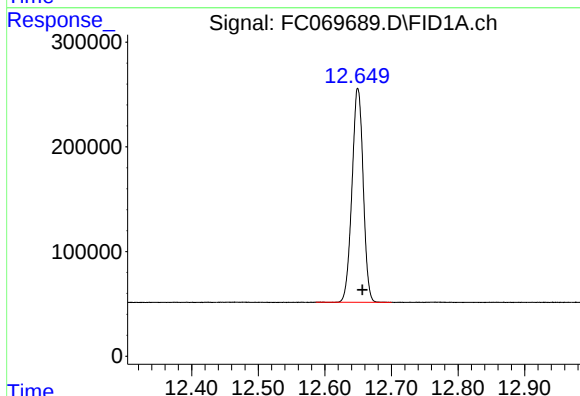
R.T.: 11.339 min
Delta R.T.: -0.006 min
Response: 2547828
Conc: 18.02 ug/ml



#9 ortho-Terphenyl (SURR)

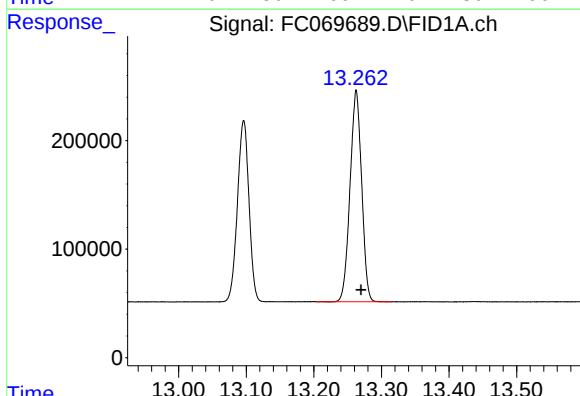
R.T.: 11.660 min
Delta R.T.: -0.007 min
Response: 2734915
Conc: 18.33 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



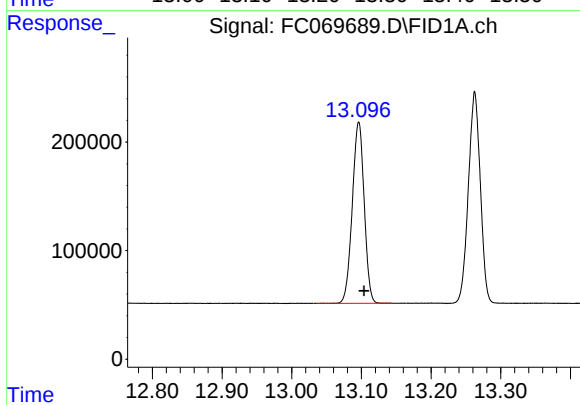
#10 n-Eicosane (C20)

R.T.: 12.650 min
Delta R.T.: -0.007 min
Response: 2387405
Conc: 18.12 ug/ml



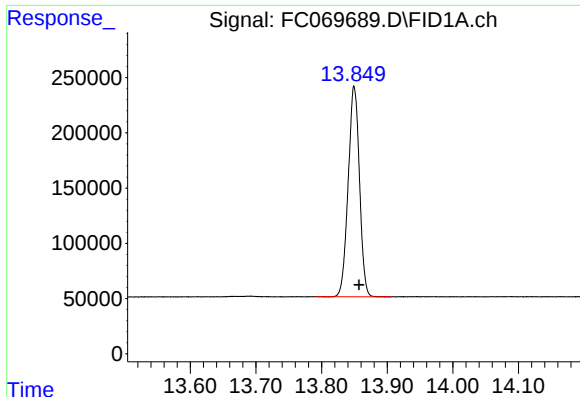
#11 n-Heneicosane (C21)

R.T.: 13.263 min
Delta R.T.: -0.007 min
Response: 2321214
Conc: 18.20 ug/ml



#12 1-chlorooctadecane (SURR)

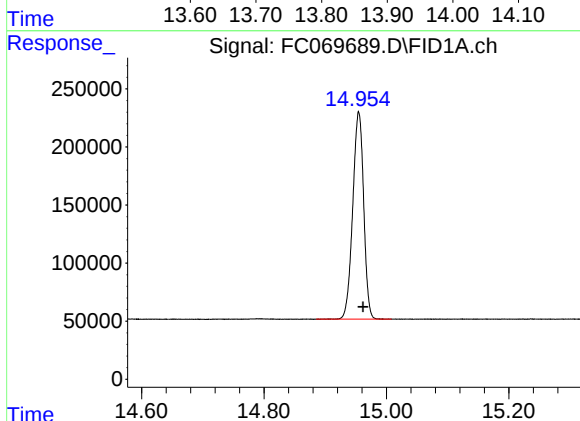
R.T.: 13.096 min
Delta R.T.: -0.007 min
Response: 1980431
Conc: 18.17 ug/ml



#13 n-Docosane (C22)

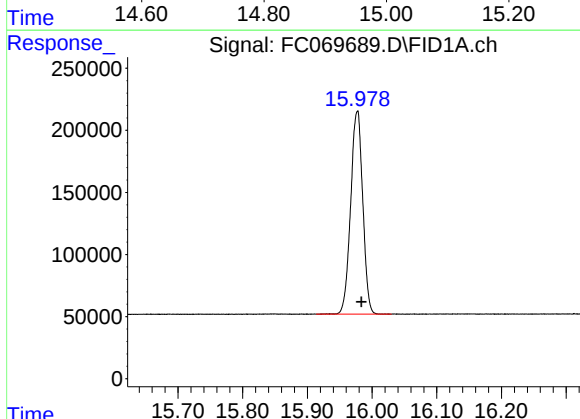
R.T.: 13.850 min
Delta R.T.: -0.007 min
Response: 2277958
Conc: 18.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



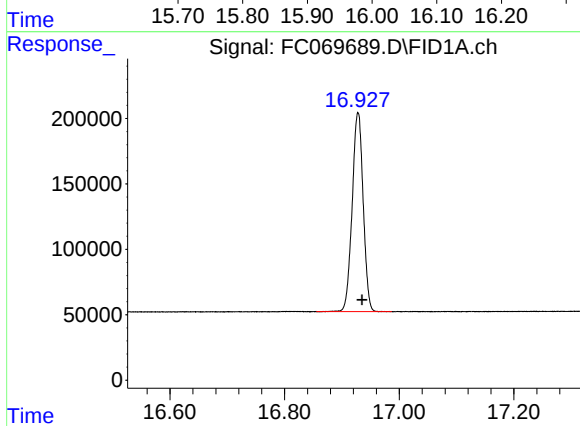
#14 n-Tetracosane (C24)

R.T.: 14.955 min
Delta R.T.: -0.007 min
Response: 2214268
Conc: 18.35 ug/ml



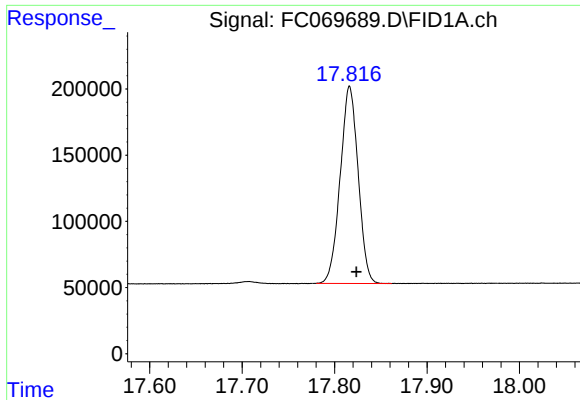
#15 n-Hexacosane (C26)

R.T.: 15.977 min
Delta R.T.: -0.007 min
Response: 2121305
Conc: 18.36 ug/ml



#16 n-Octacosane (C28)

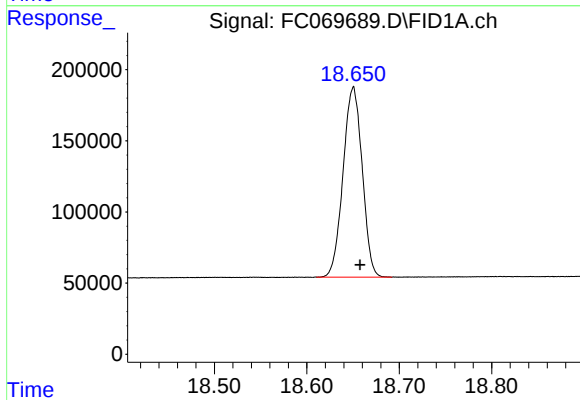
R.T.: 16.928 min
Delta R.T.: -0.007 min
Response: 2031414
Conc: 18.12 ug/ml



#17 n-Tricontane (C30)

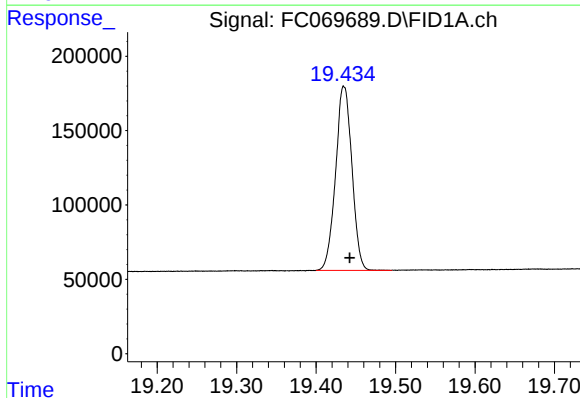
R.T.: 17.816 min
Delta R.T.: -0.007 min
Response: 2010005
Conc: 17.56 ug/ml

Instrument :
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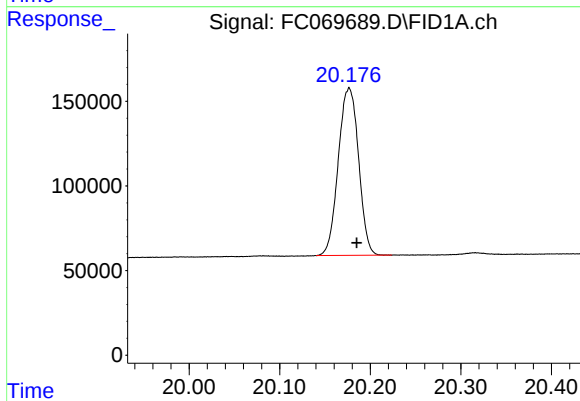
#18 n-Dotriacontane (C32)

R.T.: 18.650 min
Delta R.T.: -0.008 min
Response: 1921438
Conc: 17.30 ug/ml



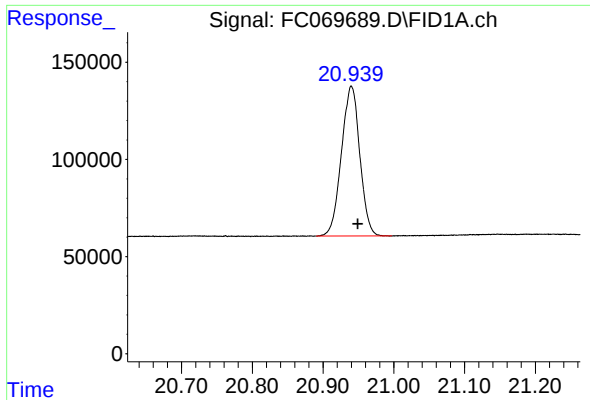
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: -0.007 min
Response: 1765503
Conc: 17.34 ug/ml



#20 n-Hexatriacontane (C36)

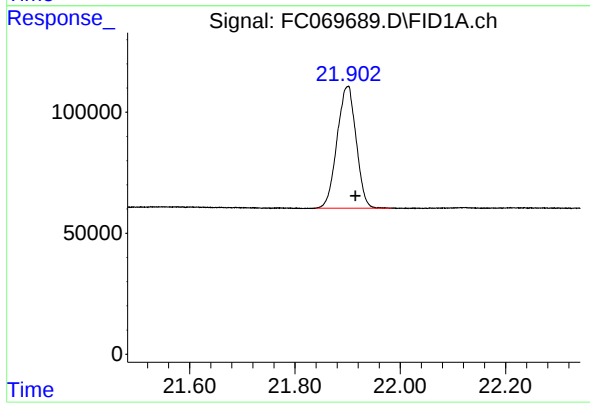
R.T.: 20.177 min
Delta R.T.: -0.008 min
Response: 1538978
Conc: 17.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.940 min
Delta R.T.: -0.009 min
Response: 1392345
Conc: 17.31 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: -0.015 min
Response: 1266740
Conc: 16.92 ug/ml