

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081825AL\
 Data File : FC069692.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2025 13:15
 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 19 01:23:36 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	2764343	18.530 ug/ml
Spiked Amount 50.000		Recovery =	37.06%
12) S 1-chlorooctadecane (S...	13.095	2011333	18.449 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
Target Compounds			
1) T n-Nonane (C9)	3.395	2642941	18.551 ug/ml
2) T n-Decane (C10)	4.466	2699237	18.567 ug/ml
3) T A~Naphthalene (C11.7)	6.060	2898184	18.678 ug/ml
4) T n-Dodecane (C12)	6.490	2693222	18.423 ug/ml
5) T A~2-methylnaphthalene...	7.119	2745159	18.640 ug/ml
6) T n-Tetradecane (C14)	8.289	2636767	18.476 ug/ml
7) T n-Hexadecane (C16)	9.893	2652122	18.397 ug/ml
8) T n-Octadecane (C18)	11.338	2586870	18.293 ug/ml
10) T n-Eicosane (C20)	12.649	2419037	18.364 ug/ml
11) T n-Heneicosane (C21)	13.262	2343078	18.371 ug/ml
13) T n-Docosane (C22)	13.849	2296900	18.387 ug/ml
14) T n-Tetracosane (C24)	14.953	2220371	18.400 ug/ml
15) T n-Hexacosane (C26)	15.976	2125644	18.396 ug/ml
16) T n-Octacosane (C28)	16.928	2040508	18.204 ug/ml
17) T n-Tricontane (C30)	17.816	2032973	17.756 ug/ml
18) T n-Dotriacontane (C32)	18.651	1961156	17.655 ug/ml
19) T n-Tetratriacontane (C34)	19.435	1800248	17.680 ug/ml
20) T n-Hexatriacontane (C36)	20.175	1582409	17.747 ug/ml
21) T n-Octatriacontane (C38)	20.937	1445291	17.967 ug/ml
22) T n-Tetracontane (C40)	21.896	1318869	17.613 ug/ml

(f)=RT Delta > 1/2 Window

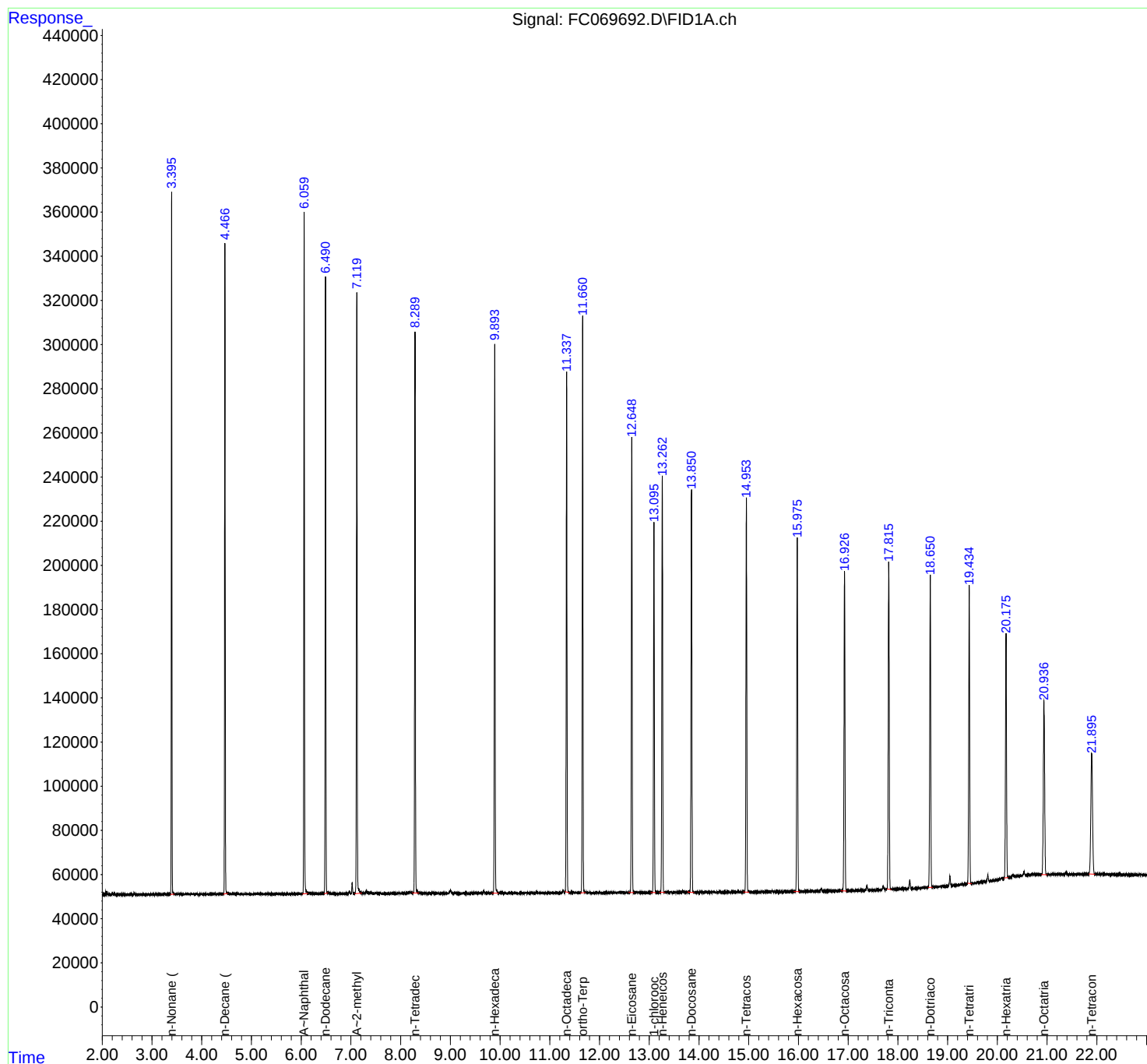
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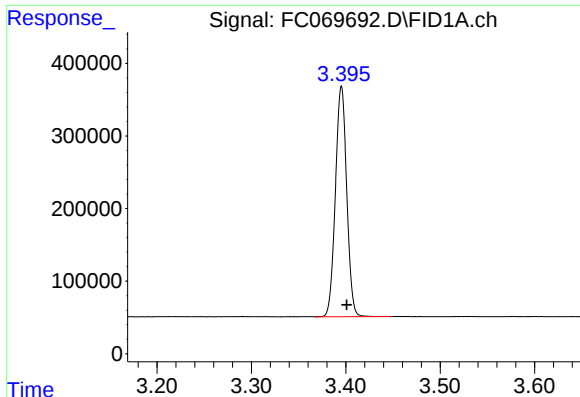
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081825AL\
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

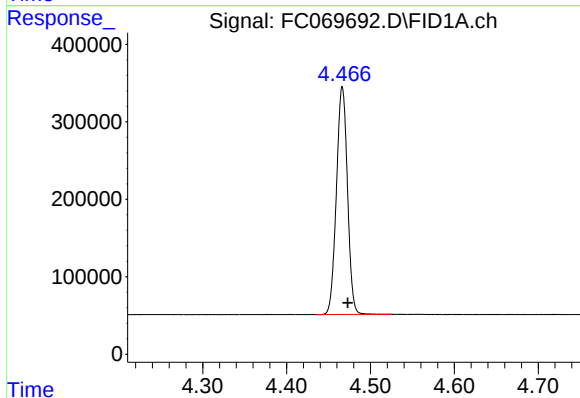




#1 n-Nonane (C9)

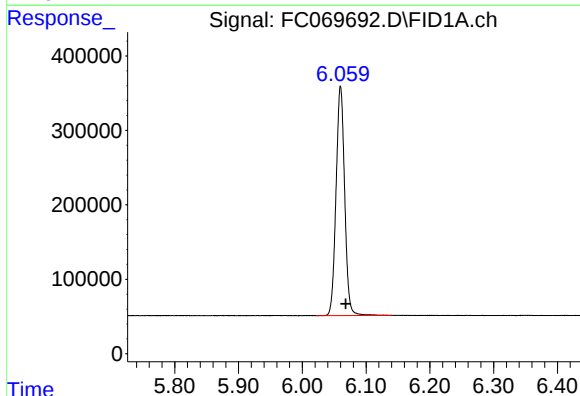
R.T.: 3.395 min
Delta R.T.: -0.006 min
Response: 2642941
Conc: 18.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



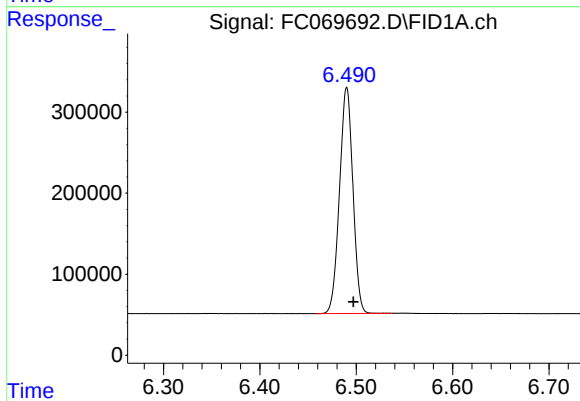
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.006 min
Response: 2699237
Conc: 18.57 ug/ml



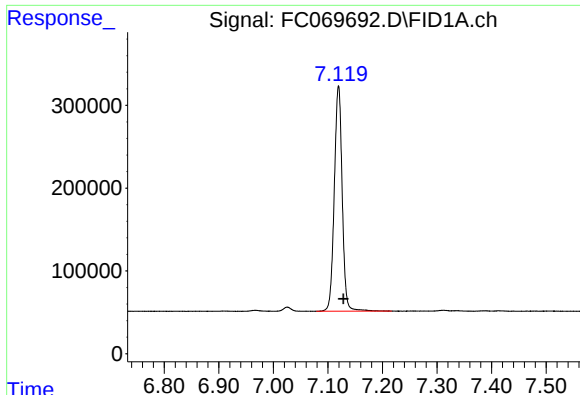
#3 A~Naphthalene (C11.7)

R.T.: 6.060 min
Delta R.T.: -0.008 min
Response: 2898184
Conc: 18.68 ug/ml



#4 n-Dodecane (C12)

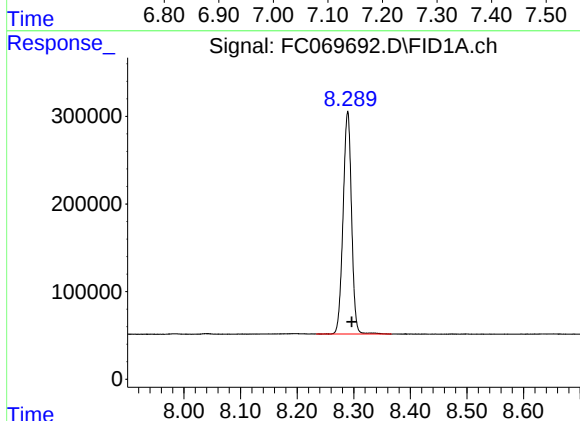
R.T.: 6.490 min
Delta R.T.: -0.007 min
Response: 2693222
Conc: 18.42 ug/ml



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

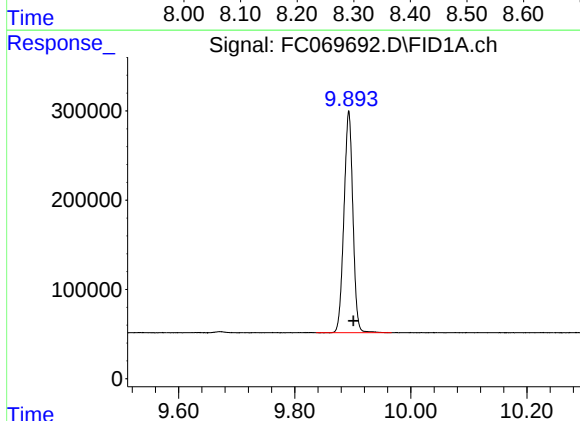
R.T.: 7.119 min
Delta R.T.: -0.009 min
Response: 2745159
Conc: 18.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



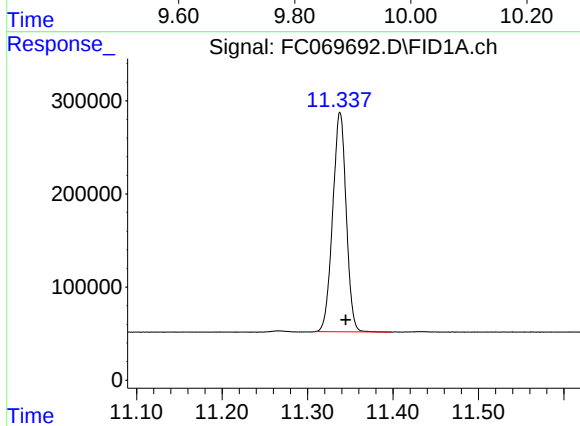
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: -0.007 min
Response: 2636767
Conc: 18.48 ug/ml



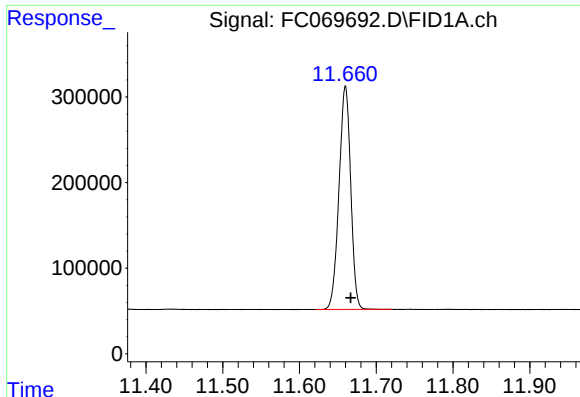
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: -0.008 min
Response: 2652122
Conc: 18.40 ug/ml



#8 n-Octadecane (C18)

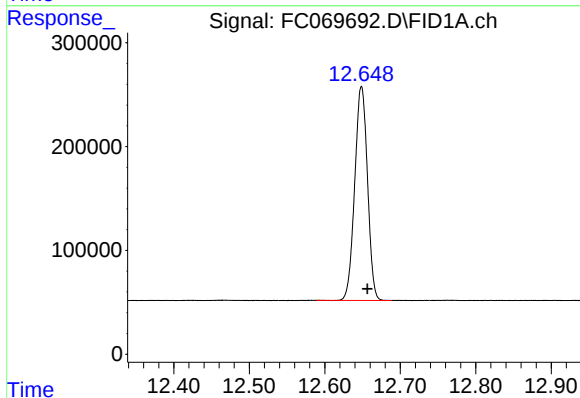
R.T.: 11.338 min
Delta R.T.: -0.007 min
Response: 2586870
Conc: 18.29 ug/ml



#9 ortho-Terphenyl (SURR)

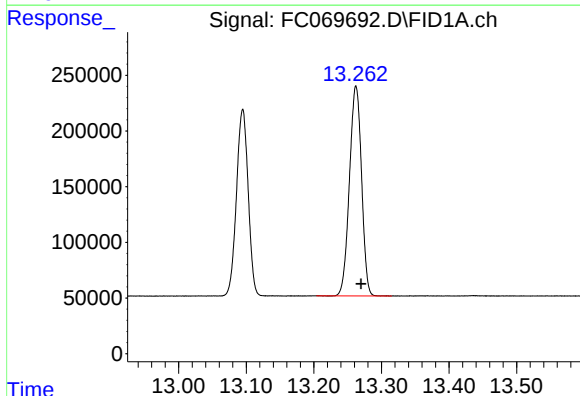
R.T.: 11.660 min
Delta R.T.: -0.007 min
Response: 2764343
Conc: 18.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



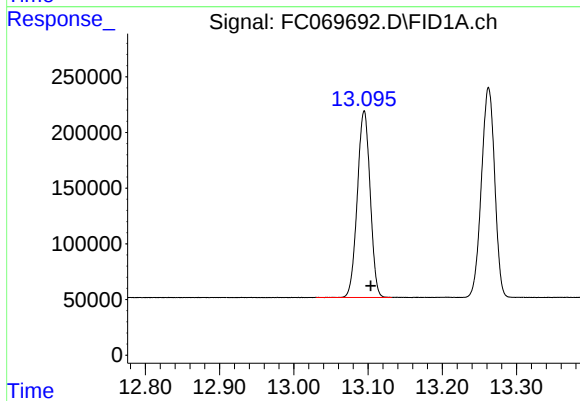
#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: -0.008 min
Response: 2419037
Conc: 18.36 ug/ml



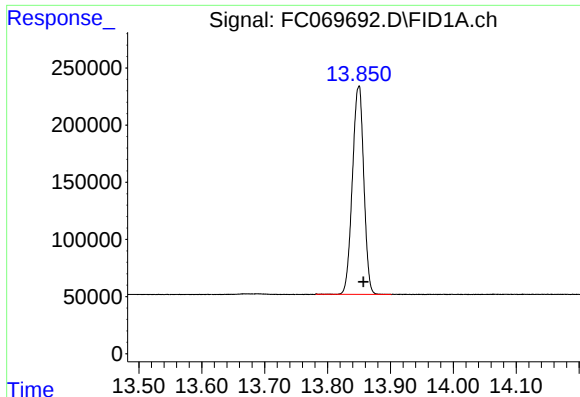
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: -0.007 min
Response: 2343078
Conc: 18.37 ug/ml



#12 1-chlorooctadecane (SURR)

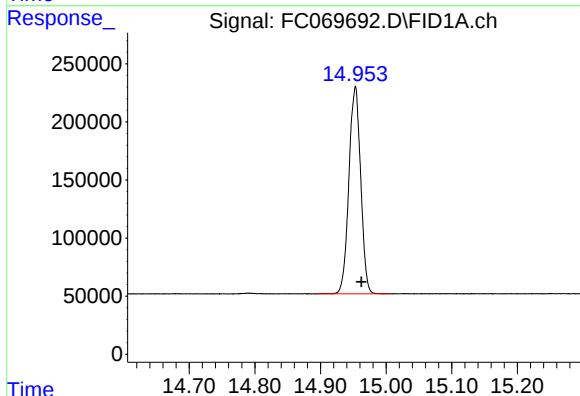
R.T.: 13.095 min
Delta R.T.: -0.009 min
Response: 2011333
Conc: 18.45 ug/ml



#13 n-Docosane (C22)

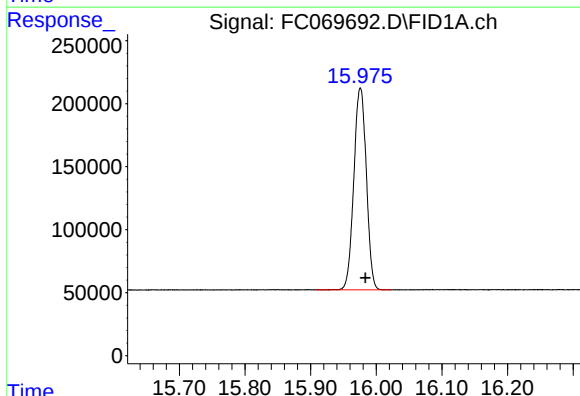
R.T.: 13.849 min
Delta R.T.: -0.008 min
Response: 2296900
Conc: 18.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



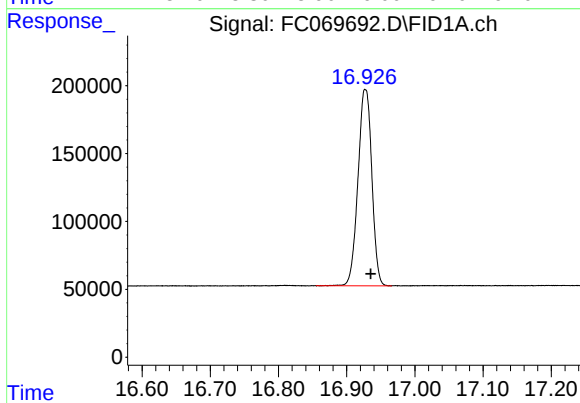
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: -0.009 min
Response: 2220371
Conc: 18.40 ug/ml



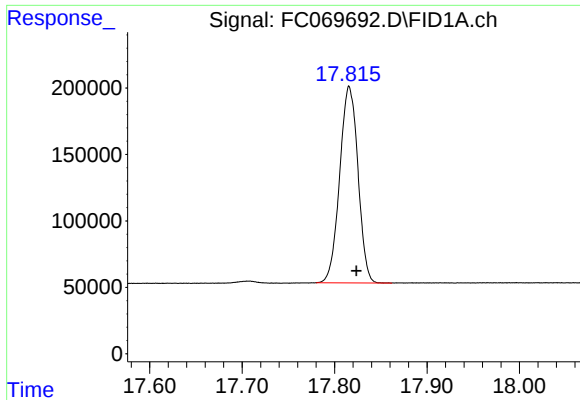
#15 n-Hexacosane (C26)

R.T.: 15.976 min
Delta R.T.: -0.008 min
Response: 2125644
Conc: 18.40 ug/ml



#16 n-Octacosane (C28)

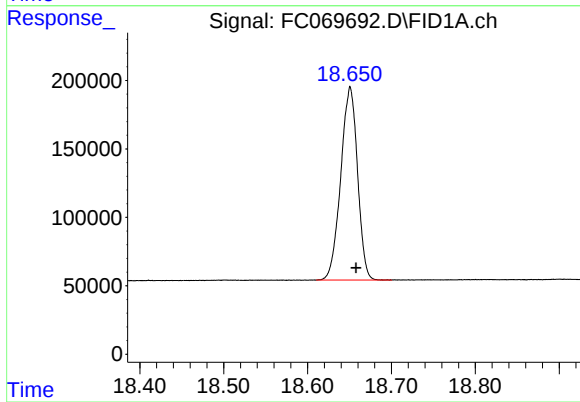
R.T.: 16.928 min
Delta R.T.: -0.008 min
Response: 2040508
Conc: 18.20 ug/ml



#17 n-Tricontane (C30)

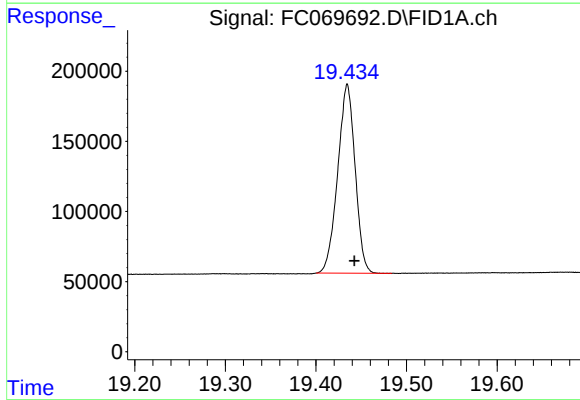
R.T.: 17.816 min
Delta R.T.: -0.008 min
Response: 2032973
Conc: 17.76 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



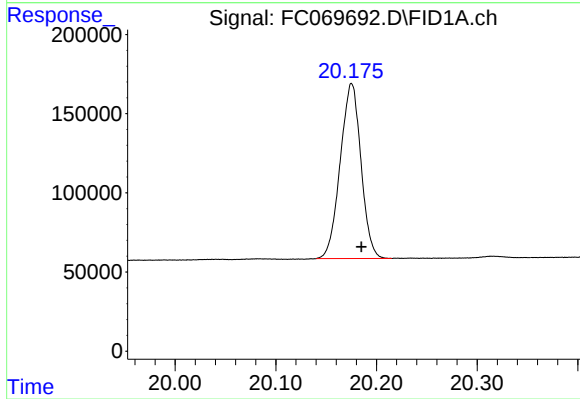
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: -0.007 min
Response: 1961156
Conc: 17.66 ug/ml



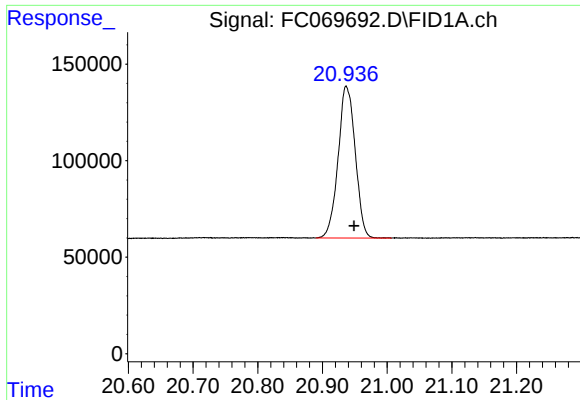
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: -0.008 min
Response: 1800248
Conc: 17.68 ug/ml



#20 n-Hexatriacontane (C36)

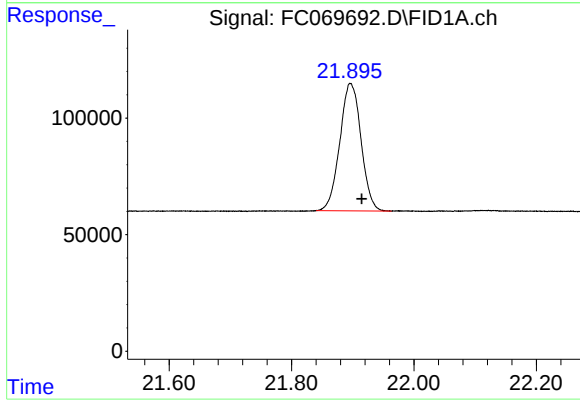
R.T.: 20.175 min
Delta R.T.: -0.010 min
Response: 1582409
Conc: 17.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.937 min
Delta R.T.: -0.012 min
Response: 1445291
Conc: 17.97 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.896 min
Delta R.T.: -0.019 min
Response: 1318869
Conc: 17.61 ug/ml