

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081525AL\
 Data File : FC069686.D
 Signal(s) : FID1A.ch
 Acq On : 16 Aug 2025 00:19
 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 01:24:00 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)	11.659	2665101	17.864 ug/ml
Spiked Amount 50.000		Recovery =	35.73%
12) S 1-chlorooctadecane (S...	13.095	1985353	18.210 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
Target Compounds			
1) T n-Nonane (C9)	3.394	2606626	18.296 ug/ml
2) T n-Decane (C10)	4.466	2656752	18.274 ug/ml
3) T A~Naphthalene (C11.7)	6.060	2825192	18.208 ug/ml
4) T n-Dodecane (C12)	6.490	2652017	18.142 ug/ml
5) T A~2-methylnaphthalene...	7.119	2681245	18.206 ug/ml
6) T n-Tetradecane (C14)	8.289	2598017	18.205 ug/ml
7) T n-Hexadecane (C16)	9.893	2605881	18.076 ug/ml
8) T n-Octadecane (C18)	11.337	2528471	17.880 ug/ml
10) T n-Eicosane (C20)	12.649	2366211	17.963 ug/ml
11) T n-Heneicosane (C21)	13.262	2286655	17.928 ug/ml
13) T n-Docosane (C22)	13.850	2240505	17.935 ug/ml
14) T n-Tetracosane (C24)	14.954	2159348	17.894 ug/ml
15) T n-Hexacosane (C26)	15.976	2062804	17.852 ug/ml
16) T n-Octacosane (C28)	16.927	1974648	17.617 ug/ml
17) T n-Tricontane (C30)	17.816	1959607	17.115 ug/ml
18) T n-Dotriacontane (C32)	18.649	1889573	17.011 ug/ml
19) T n-Tetratriacontane (C34)	19.434	1749002	17.177 ug/ml
20) T n-Hexatriacontane (C36)	20.177	1556808	17.460 ug/ml
21) T n-Octatriacontane (C38)	20.939	1447297	17.992 ug/ml
22) T n-Tetracontane (C40)	21.898	1379411	18.421 ug/ml

(f)=RT Delta > 1/2 Window

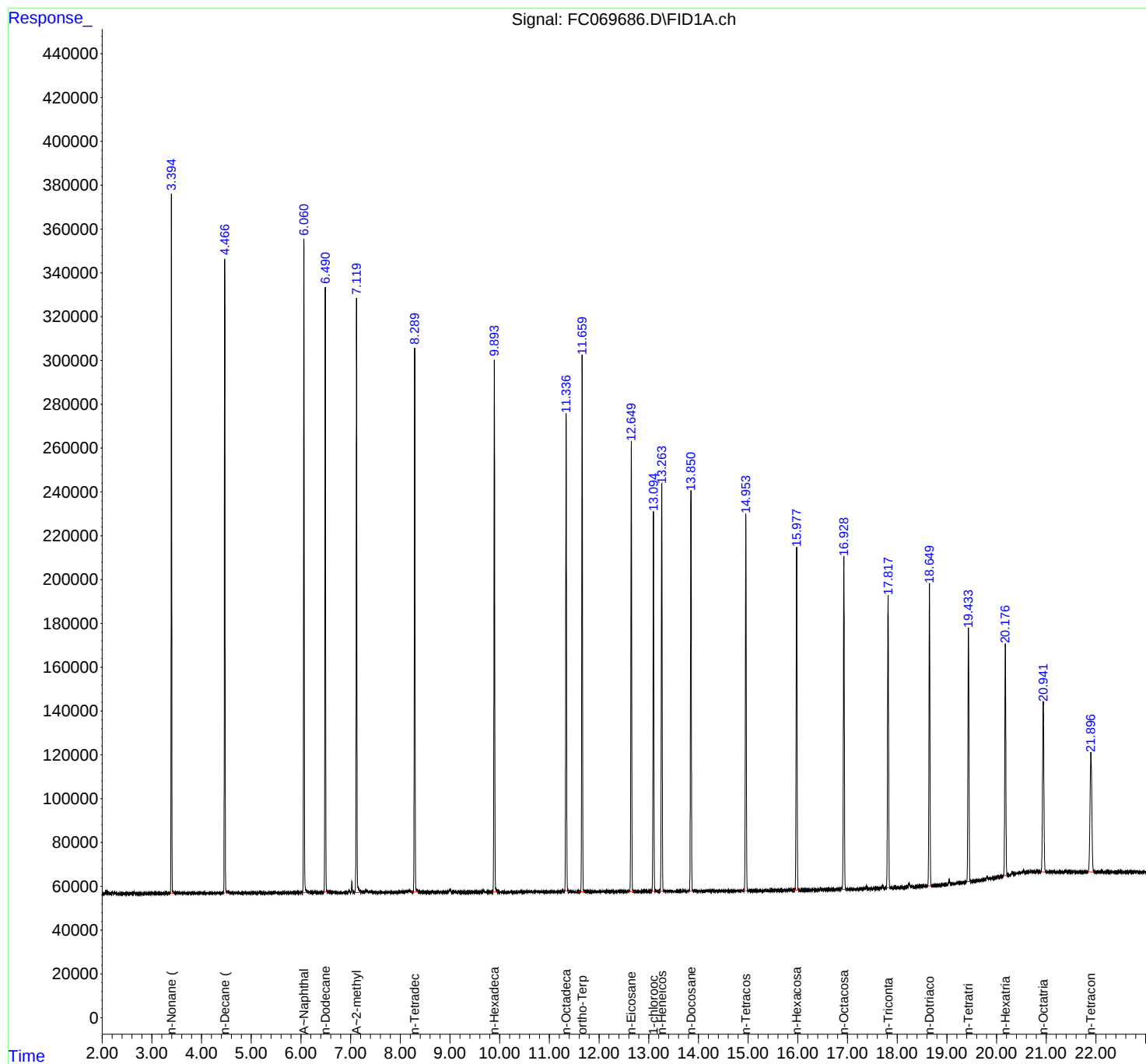
(m)=manual int.

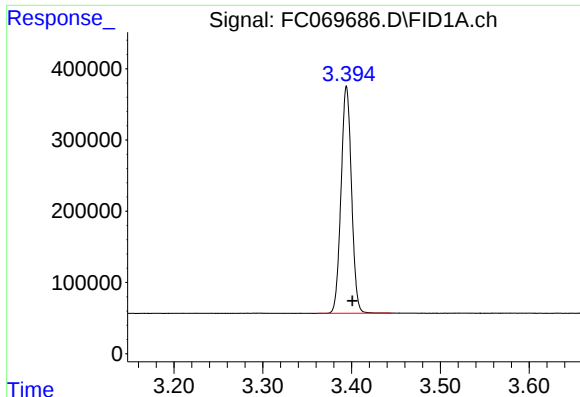
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081525AL\
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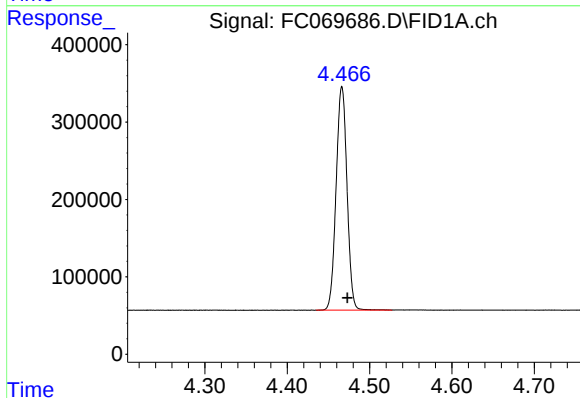




#1 n-Nonane (C9)

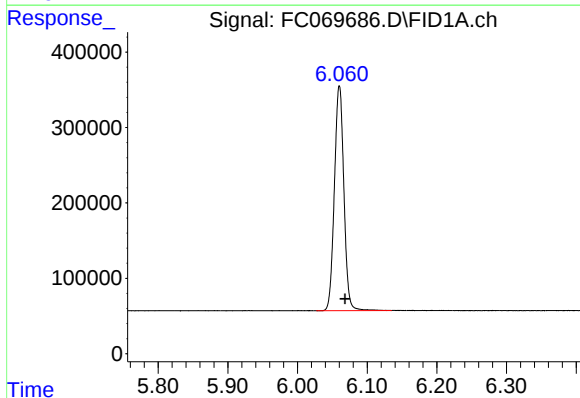
R.T.: 3.394 min
Delta R.T.: -0.007 min
Response: 2606626
Conc: 18.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



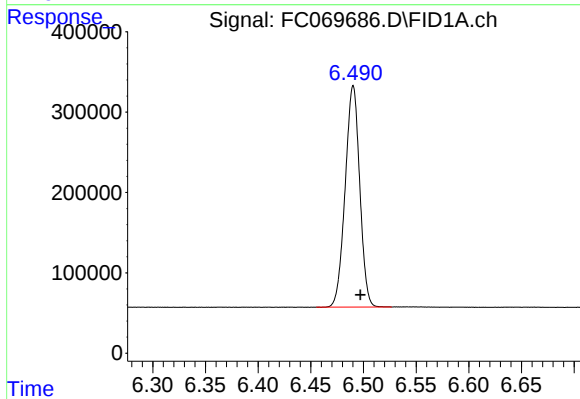
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.007 min
Response: 2656752
Conc: 18.27 ug/ml



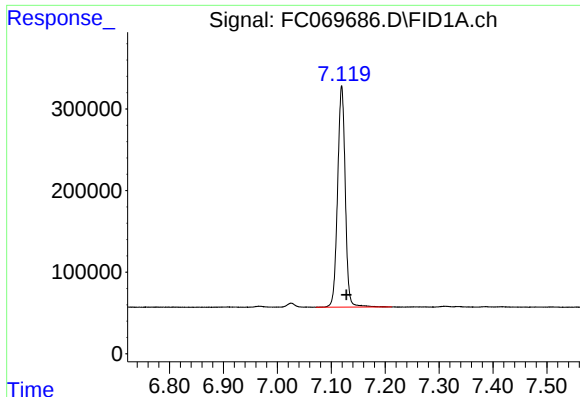
#3 A~Naphthalene (C11.7)

R.T.: 6.060 min
Delta R.T.: -0.008 min
Response: 2825192
Conc: 18.21 ug/ml



#4 n-Dodecane (C12)

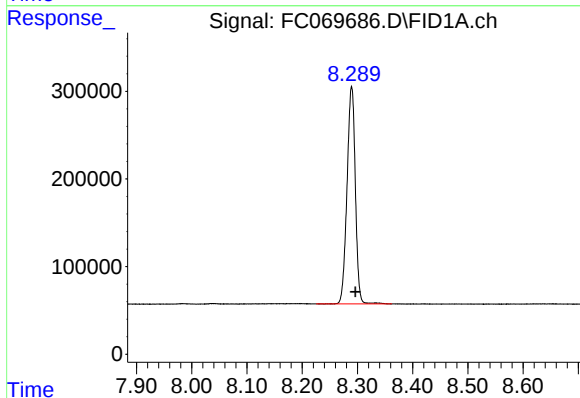
R.T.: 6.490 min
Delta R.T.: -0.007 min
Response: 2652017
Conc: 18.14 ug/ml



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

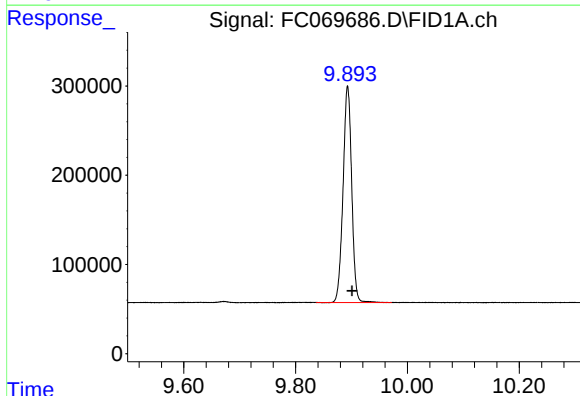
R.T.: 7.119 min
Delta R.T.: -0.009 min
Response: 2681245
Conc: 18.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



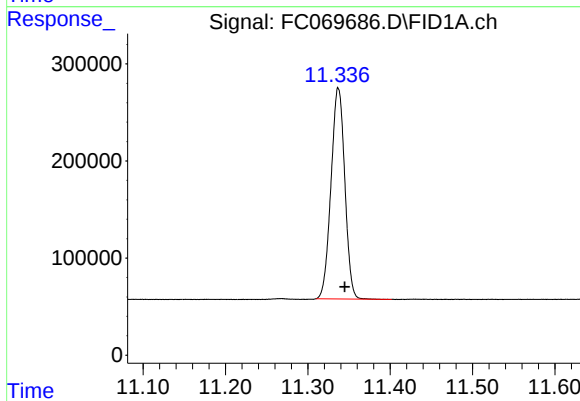
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: -0.007 min
Response: 2598017
Conc: 18.20 ug/ml



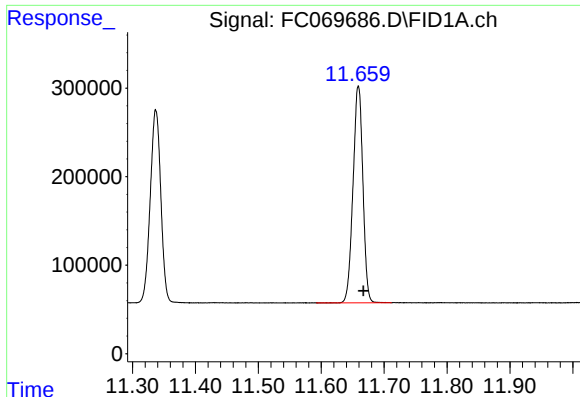
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: -0.008 min
Response: 2605881
Conc: 18.08 ug/ml



#8 n-Octadecane (C18)

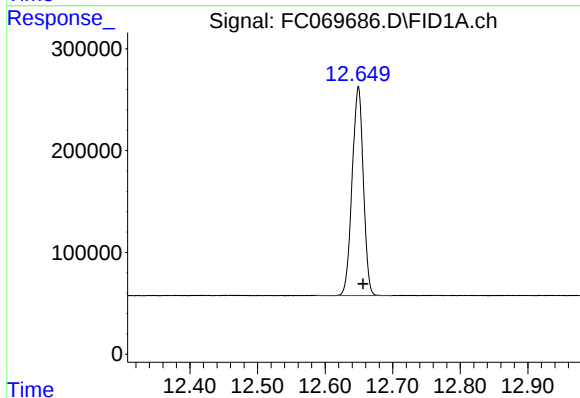
R.T.: 11.337 min
Delta R.T.: -0.008 min
Response: 2528471
Conc: 17.88 ug/ml



#9 ortho-Terphenyl (SURR)

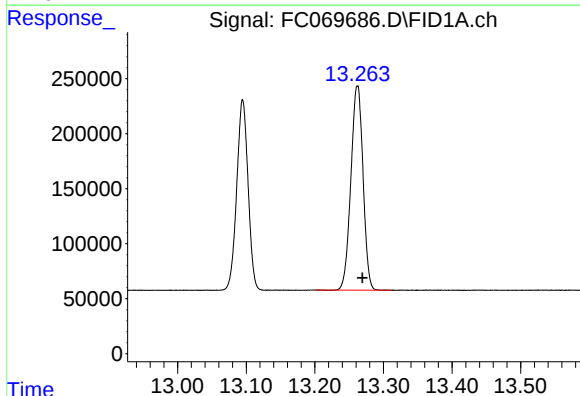
R.T.: 11.659 min
Delta R.T.: -0.008 min
Response: 2665101
Conc: 17.86 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



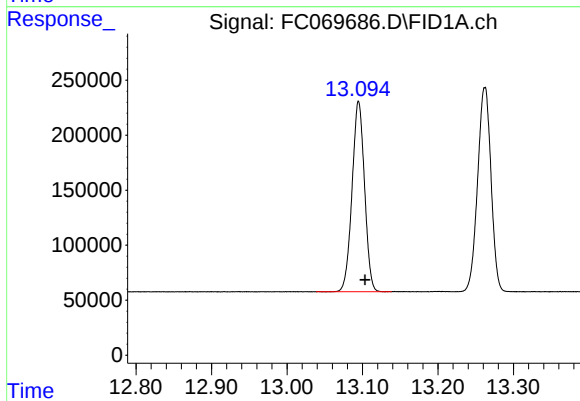
#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: -0.007 min
Response: 2366211
Conc: 17.96 ug/ml



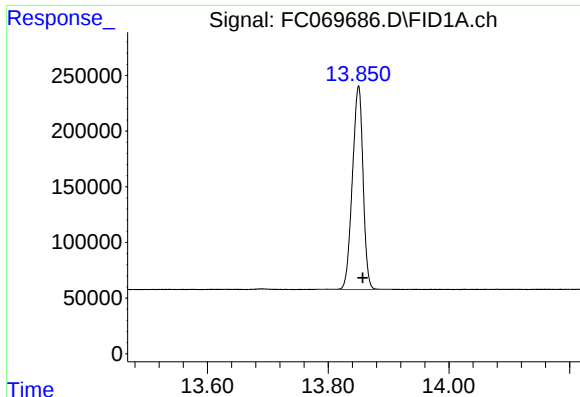
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: -0.008 min
Response: 2286655
Conc: 17.93 ug/ml



#12 1-chlorooctadecane (SURR)

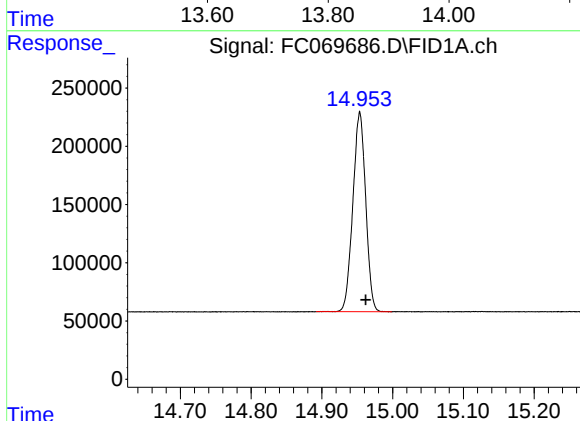
R.T.: 13.095 min
Delta R.T.: -0.009 min
Response: 1985353
Conc: 18.21 ug/ml



#13 n-Docosane (C22)

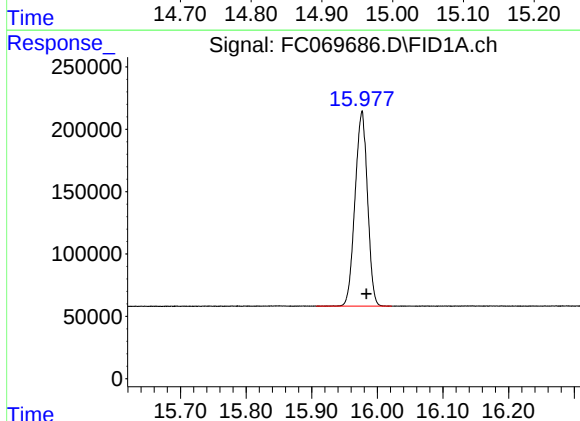
R.T.: 13.850 min
Delta R.T.: -0.007 min
Response: 2240505
Conc: 17.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



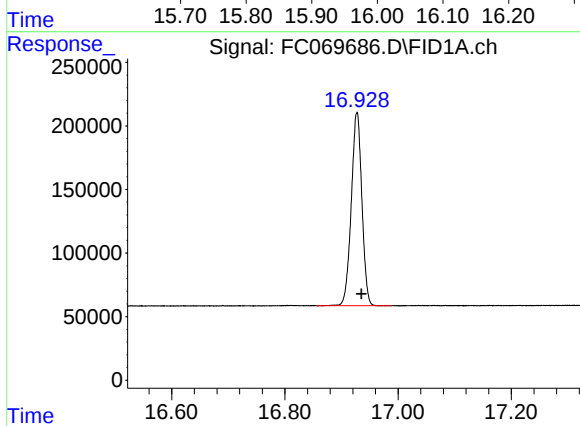
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: -0.009 min
Response: 2159348
Conc: 17.89 ug/ml



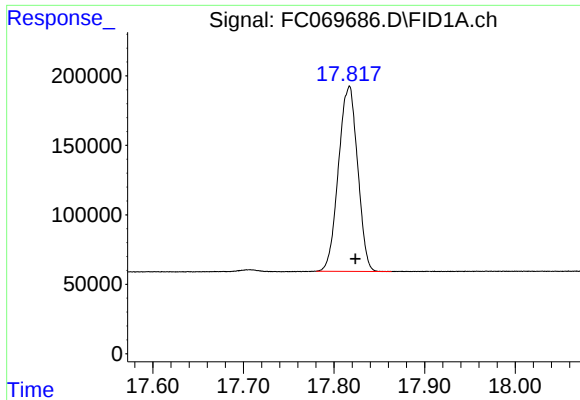
#15 n-Hexacosane (C26)

R.T.: 15.976 min
Delta R.T.: -0.007 min
Response: 2062804
Conc: 17.85 ug/ml



#16 n-Octacosane (C28)

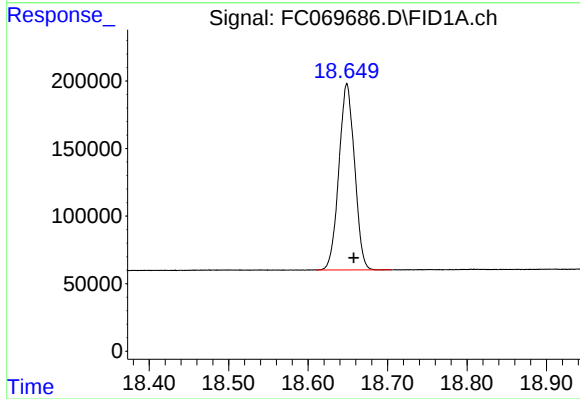
R.T.: 16.927 min
Delta R.T.: -0.008 min
Response: 1974648
Conc: 17.62 ug/ml



#17 n-Tricontane (C30)

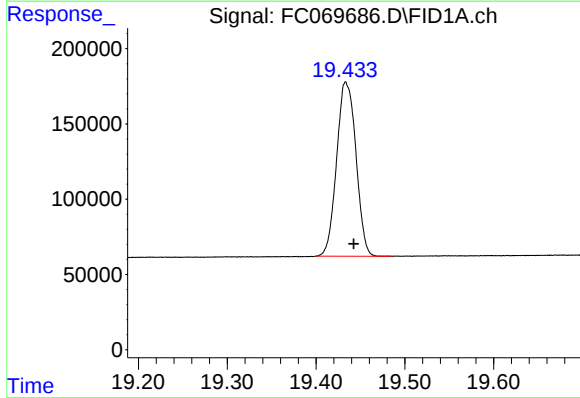
R.T.: 17.816 min
Delta R.T.: -0.007 min
Response: 1959607
Conc: 17.12 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



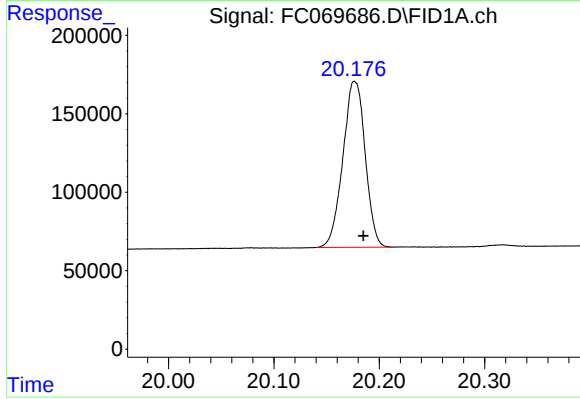
#18 n-Dotriacontane (C32)

R.T.: 18.649 min
Delta R.T.: -0.009 min
Response: 1889573
Conc: 17.01 ug/ml



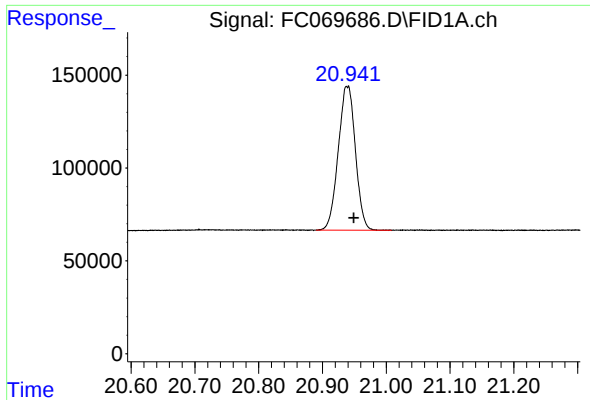
#19 n-Tetratriacontane (C34)

R.T.: 19.434 min
Delta R.T.: -0.008 min
Response: 1749002
Conc: 17.18 ug/ml



#20 n-Hexatriacontane (C36)

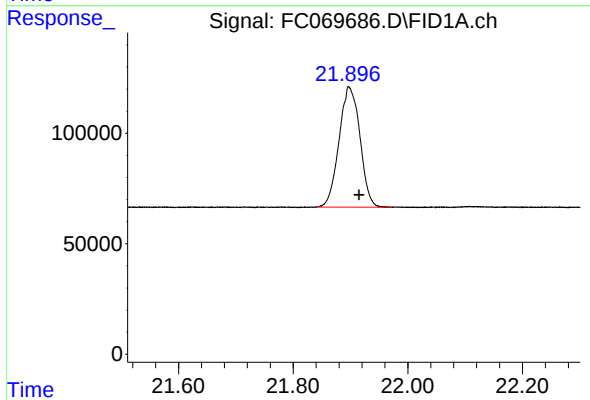
R.T.: 20.177 min
Delta R.T.: -0.008 min
Response: 1556808
Conc: 17.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.939 min
Delta R.T.: -0.010 min
Response: 1447297
Conc: 17.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.898 min
Delta R.T.: -0.017 min
Response: 1379411
Conc: 18.42 ug/ml