

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082525AL\
 Data File : FC069726.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2025 16:11
 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: Aug 26 02:11:38 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)	11.663	2973175	19.929 ug/ml
Spiked Amount 50.000		Recovery =	39.86%
12) S 1-chlorooctadecane (S...	13.099	2143791	19.664 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
Target Compounds			
1) T n-Nonane (C9)	3.396	2800057	19.653 ug/ml
2) T n-Decane (C10)	4.469	2894691	19.911 ug/ml
3) T A~Naphthalene (C11.7)	6.063	3075578	19.822 ug/ml
4) T n-Dodecane (C12)	6.493	2911956	19.920 ug/ml
5) T A~2-methylnaphthalene...	7.122	2922242	19.842 ug/ml
6) T n-Tetradecane (C14)	8.293	2896042	20.293 ug/ml
7) T n-Hexadecane (C16)	9.897	2935646	20.364 ug/ml
8) T n-Octadecane (C18)	11.341	2868681	20.286 ug/ml
10) T n-Eicosane (C20)	12.653	2651840	20.131 ug/ml
11) T n-Heneicosane (C21)	13.266	2553510	20.021 ug/ml
13) T n-Docosane (C22)	13.853	2500493	20.017 ug/ml
14) T n-Tetracosane (C24)	14.958	2409503	19.967 ug/ml
15) T n-Hexacosane (C26)	15.980	2298851	19.895 ug/ml
16) T n-Octacosane (C28)	16.932	2242802	20.009 ug/ml
17) T n-Tricontane (C30)	17.822	2330017	20.350 ug/ml
18) T n-Dotriacontane (C32)	18.655	2327054	20.949 ug/ml
19) T n-Tetratriacontane (C34)	19.440	2127066	20.890 ug/ml
20) T n-Hexatriacontane (C36)	20.182	1790302	20.078 ug/ml
21) T n-Octatriacontane (C38)	20.946	1505491	18.715 ug/ml
22) T n-Tetracontane (C40)	21.907	1201305	16.043 ug/ml

(f)=RT Delta > 1/2 Window

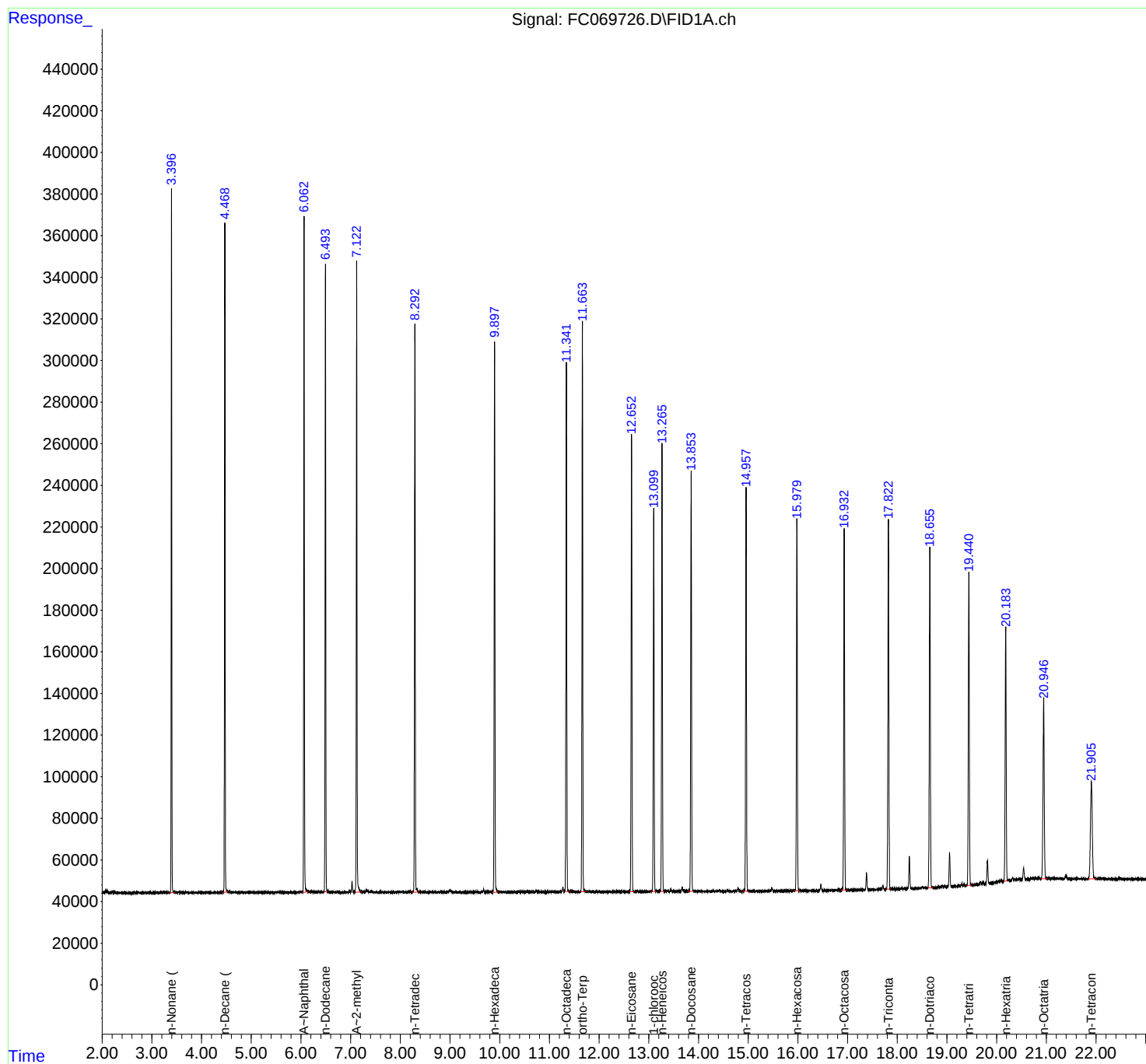
(m)=manual int.

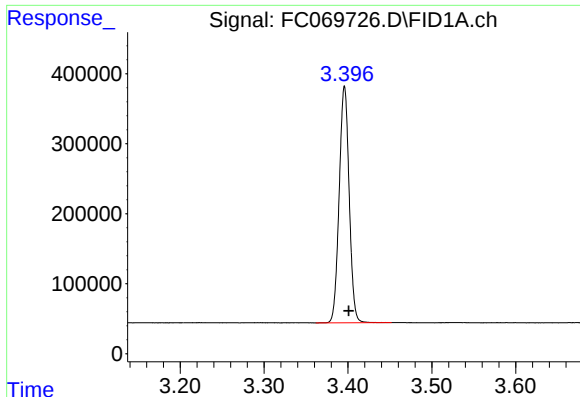
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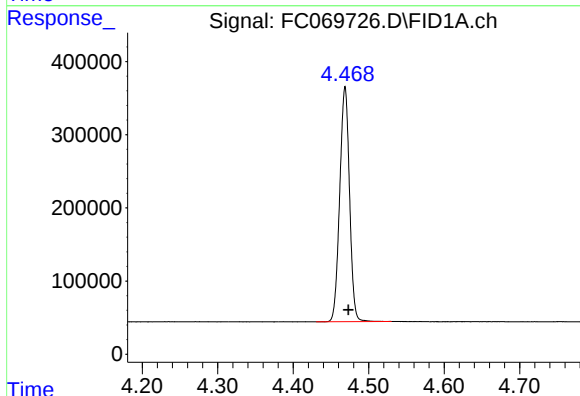




#1 n-Nonane (C9)

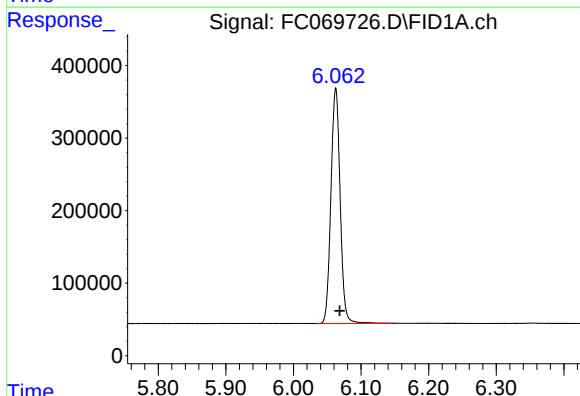
R.T.: 3.396 min
Delta R.T.: -0.005 min
Response: 2800057
Conc: 19.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



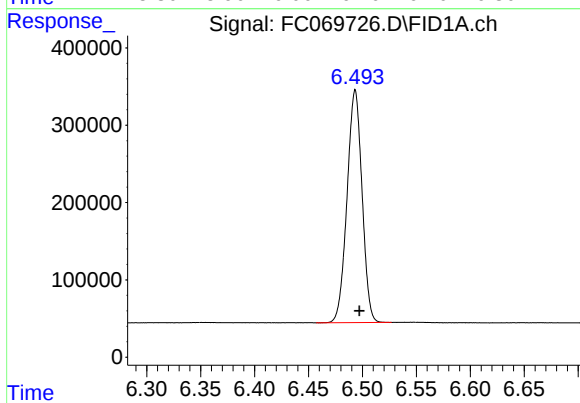
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.004 min
Response: 2894691
Conc: 19.91 ug/ml



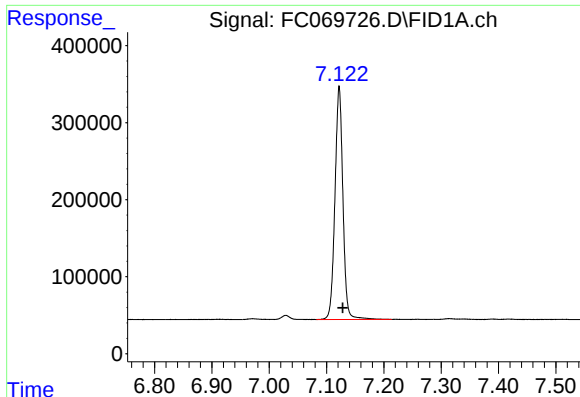
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: -0.006 min
Response: 3075578
Conc: 19.82 ug/ml



#4 n-Dodecane (C12)

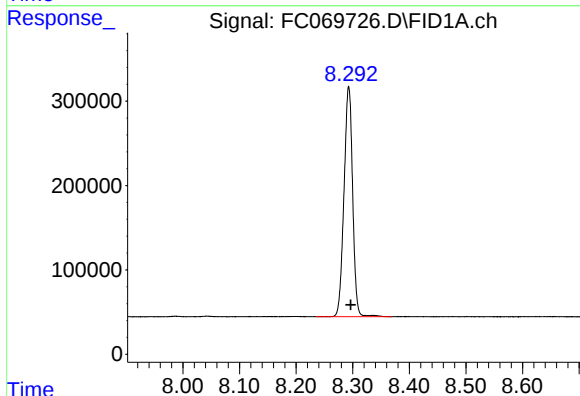
R.T.: 6.493 min
Delta R.T.: -0.004 min
Response: 2911956
Conc: 19.92 ug/ml



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

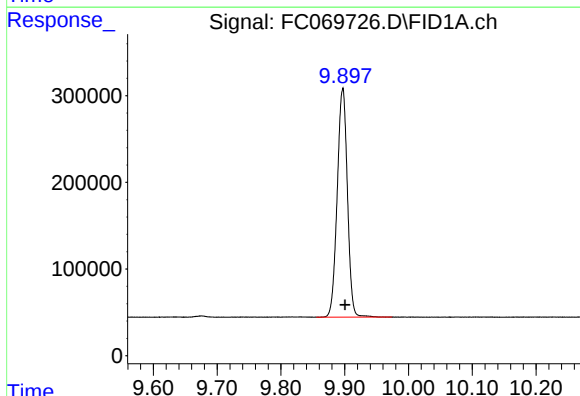
R.T.: 7.122 min
Delta R.T.: -0.006 min
Response: 2922242
Conc: 19.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



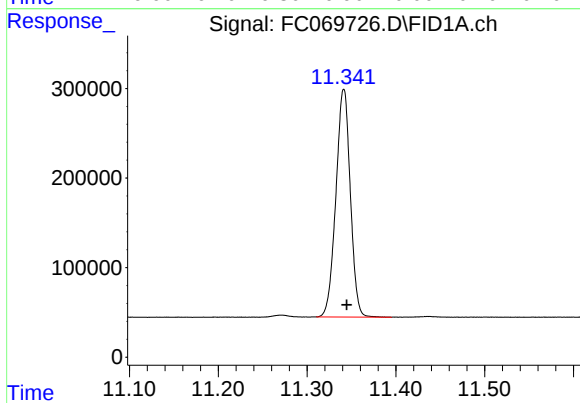
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: -0.004 min
Response: 2896042
Conc: 20.29 ug/ml



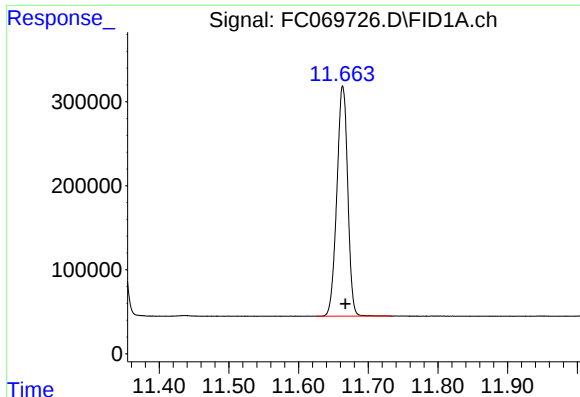
#7 n-Hexadecane (C16)

R.T.: 9.897 min
Delta R.T.: -0.004 min
Response: 2935646
Conc: 20.36 ug/ml



#8 n-Octadecane (C18)

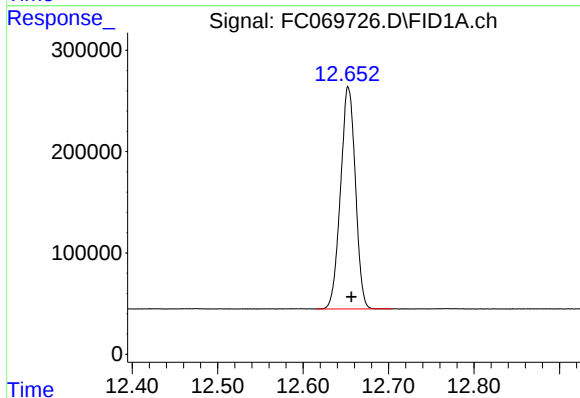
R.T.: 11.341 min
Delta R.T.: -0.004 min
Response: 2868681
Conc: 20.29 ug/ml



#9 ortho-Terphenyl (SURR)

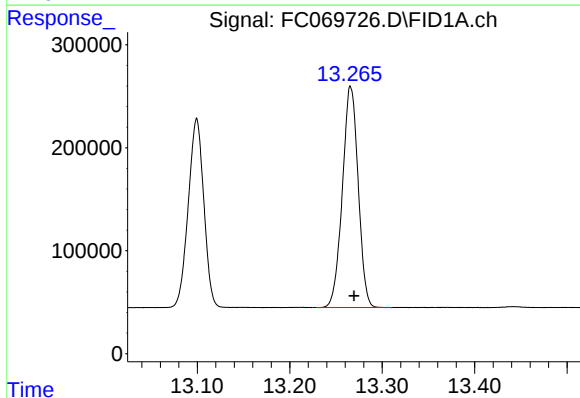
R.T.: 11.663 min
Delta R.T.: -0.004 min
Response: 2973175
Conc: 19.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



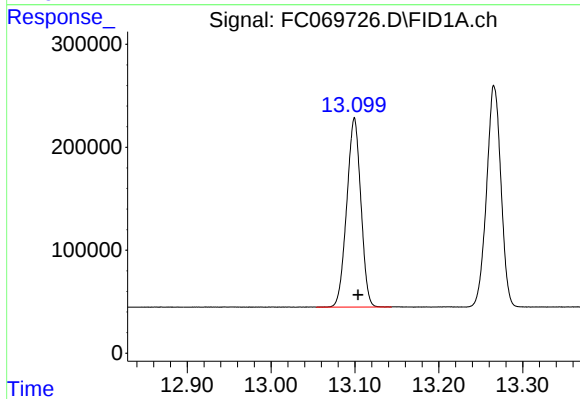
#10 n-Eicosane (C20)

R.T.: 12.653 min
Delta R.T.: -0.003 min
Response: 2651840
Conc: 20.13 ug/ml



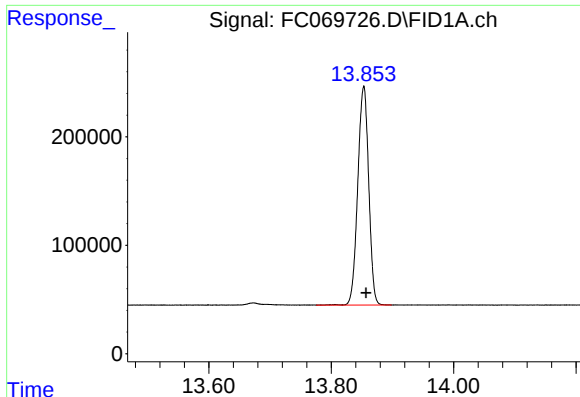
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: -0.003 min
Response: 2553510
Conc: 20.02 ug/ml



#12 1-chlorooctadecane (SURR)

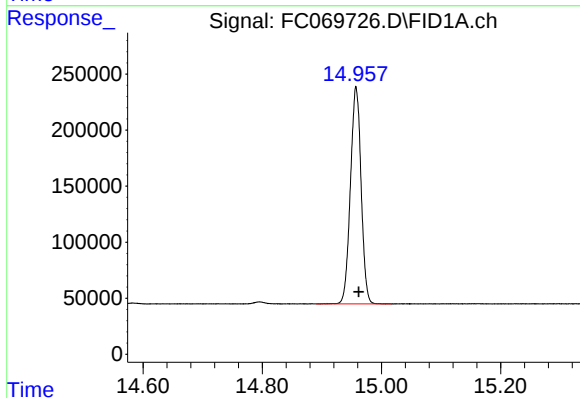
R.T.: 13.099 min
Delta R.T.: -0.004 min
Response: 2143791
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

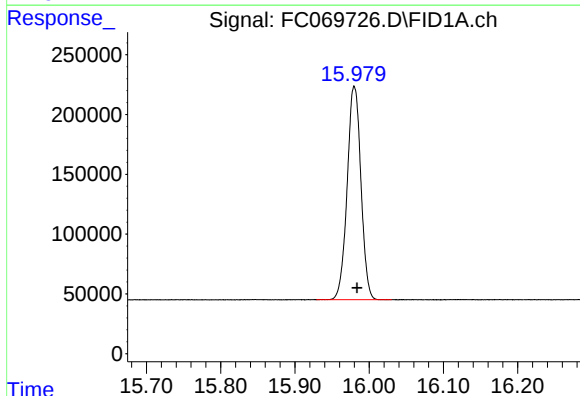
R.T.: 13.853 min
Delta R.T.: -0.004 min
Response: 2500493
Conc: 20.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



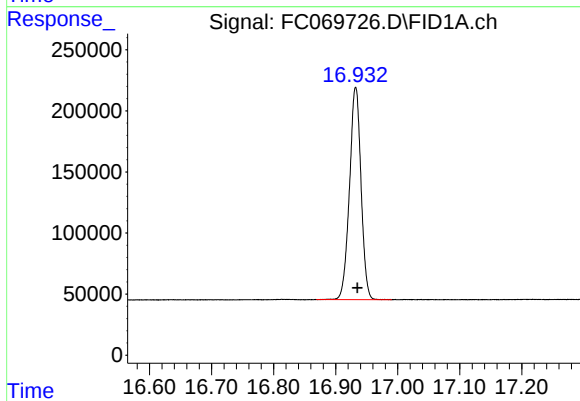
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: -0.005 min
Response: 2409503
Conc: 19.97 ug/ml



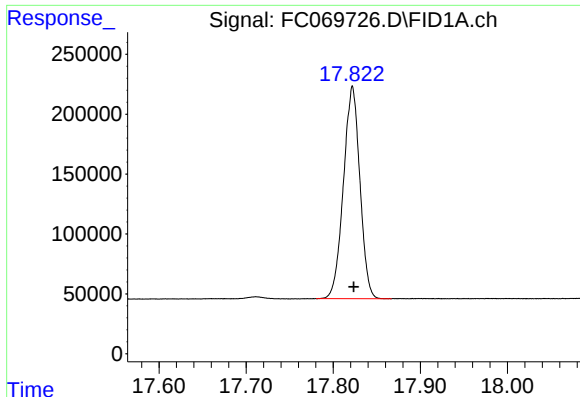
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: -0.003 min
Response: 2298851
Conc: 19.89 ug/ml



#16 n-Octacosane (C28)

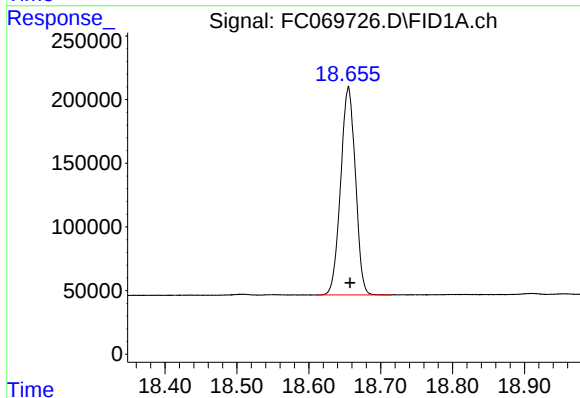
R.T.: 16.932 min
Delta R.T.: -0.003 min
Response: 2242802
Conc: 20.01 ug/ml



#17 n-Tricontane (C30)

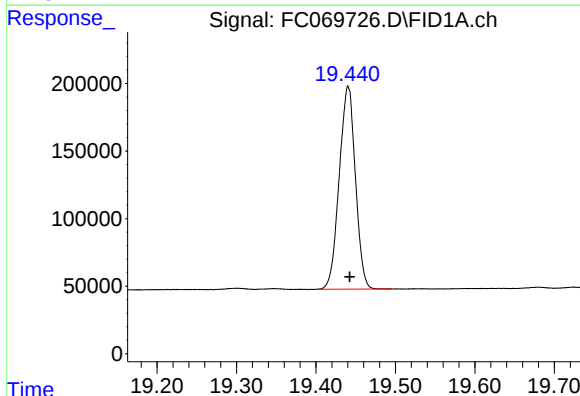
R.T.: 17.822 min
Delta R.T.: -0.002 min
Response: 2330017
Conc: 20.35 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



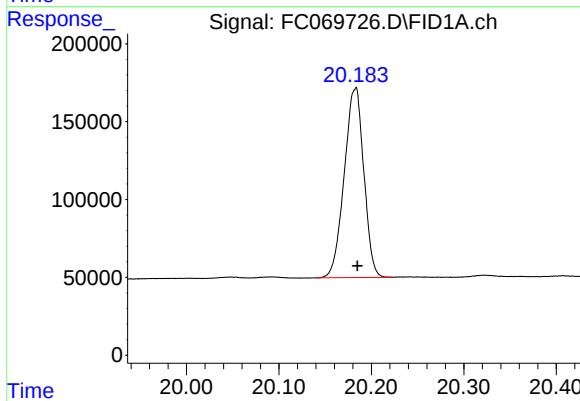
#18 n-Dotriacontane (C32)

R.T.: 18.655 min
Delta R.T.: -0.003 min
Response: 2327054
Conc: 20.95 ug/ml



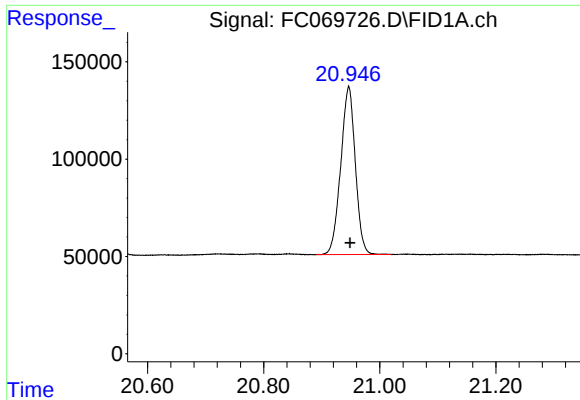
#19 n-Tetratriacontane (C34)

R.T.: 19.440 min
Delta R.T.: -0.002 min
Response: 2127066
Conc: 20.89 ug/ml



#20 n-Hexatriacontane (C36)

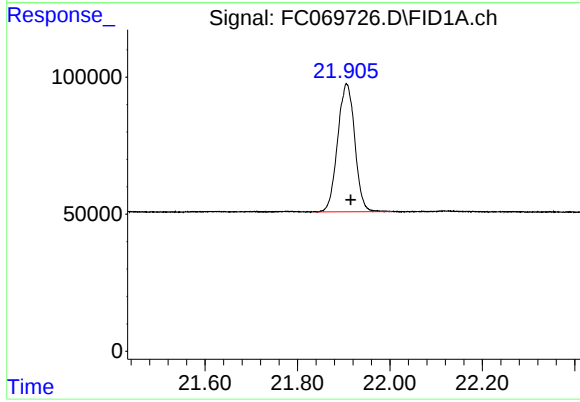
R.T.: 20.182 min
Delta R.T.: -0.003 min
Response: 1790302
Conc: 20.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.946 min
Delta R.T.: -0.003 min
Response: 1505491
Conc: 18.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.907 min
Delta R.T.: -0.009 min
Response: 1201305
Conc: 16.04 ug/ml