

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
 Data File : FC069643.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2025 18:50
 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 13 01:18:30 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)	11.664	2835709	19.008 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
12) S 1-chlorooctadecane (S...	13.099	2112306	19.375 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
Target Compounds			
1) T n-Nonane (C9)	3.397	2692747	18.900 ug/ml
2) T n-Decane (C10)	4.469	2779680	19.120 ug/ml
3) T A~Naphthalene (C11.7)	6.064	2980715	19.210 ug/ml
4) T n-Dodecane (C12)	6.494	2808611	19.213 ug/ml
5) T A~2-methylnaphthalene...	7.123	2838197	19.272 ug/ml
6) T n-Tetradecane (C14)	8.293	2769550	19.407 ug/ml
7) T n-Hexadecane (C16)	9.897	2794857	19.387 ug/ml
8) T n-Octadecane (C18)	11.342	2730679	19.310 ug/ml
10) T n-Eicosane (C20)	12.653	2528826	19.197 ug/ml
11) T n-Heneicosane (C21)	13.266	2439725	19.129 ug/ml
13) T n-Docosane (C22)	13.853	2391211	19.142 ug/ml
14) T n-Tetracosane (C24)	14.958	2305022	19.102 ug/ml
15) T n-Hexacosane (C26)	15.980	2198643	19.028 ug/ml
16) T n-Octacosane (C28)	16.932	2132163	19.022 ug/ml
17) T n-Tricontane (C30)	17.822	2203740	19.247 ug/ml
18) T n-Dotriacontane (C32)	18.656	2189781	19.713 ug/ml
19) T n-Tetratriacontane (C34)	19.441	2017157	19.810 ug/ml
20) T n-Hexatriacontane (C36)	20.182	1742280	19.540 ug/ml
21) T n-Octatriacontane (C38)	20.947	1568799	19.502 ug/ml
22) T n-Tetracontane (C40)	21.907	1470012	19.631 ug/ml

(f)=RT Delta > 1/2 Window

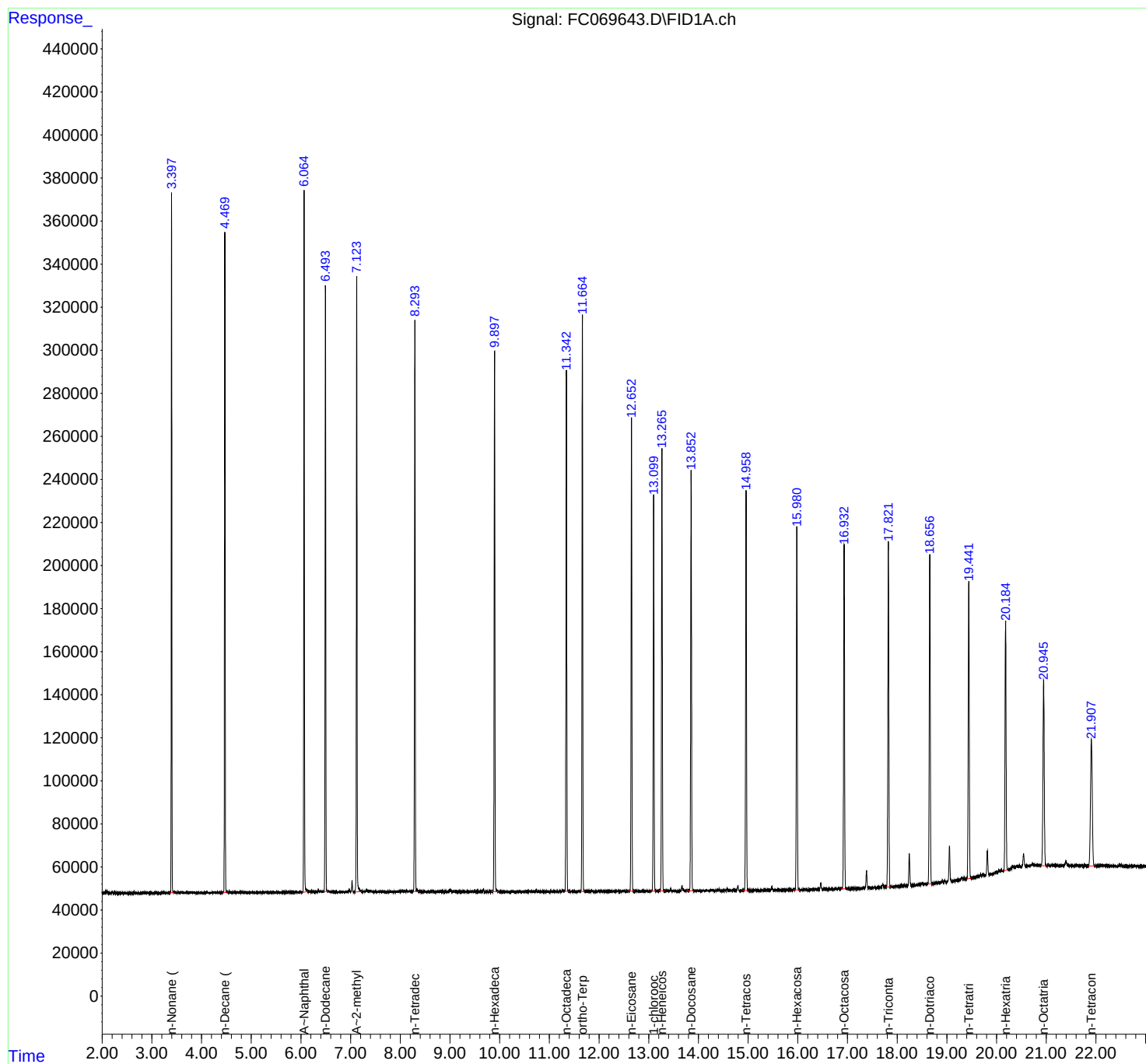
(m)=manual int.

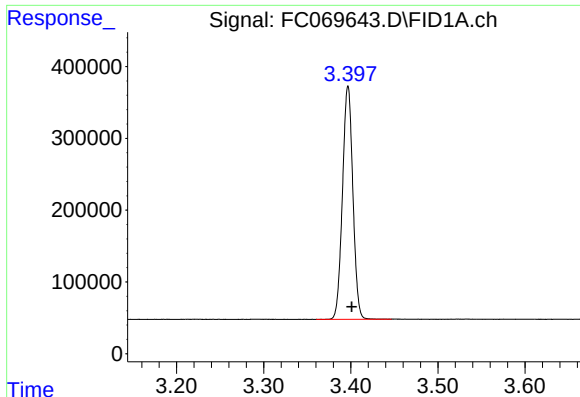
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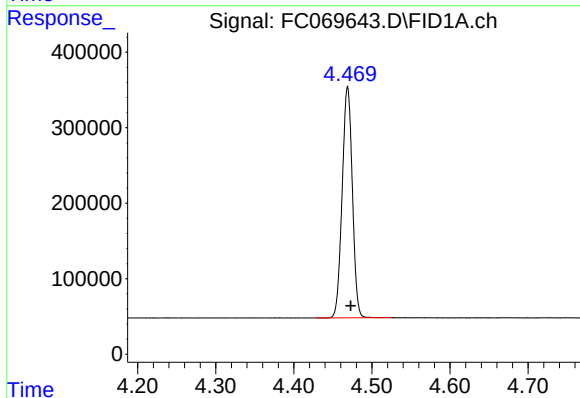




#1 n-Nonane (C9)

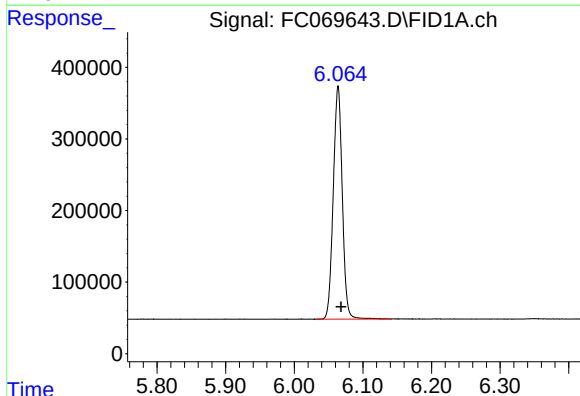
R.T.: 3.397 min
Delta R.T.: -0.004 min
Response: 2692747
Conc: 18.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



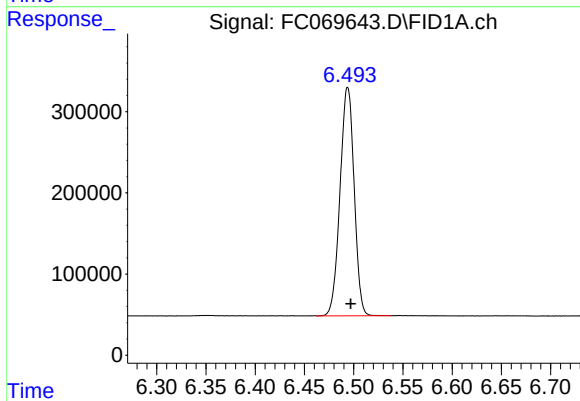
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.004 min
Response: 2779680
Conc: 19.12 ug/ml



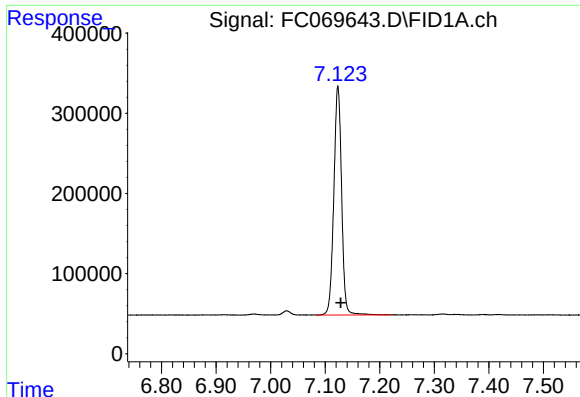
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: -0.004 min
Response: 2980715
Conc: 19.21 ug/ml



#4 n-Dodecane (C12)

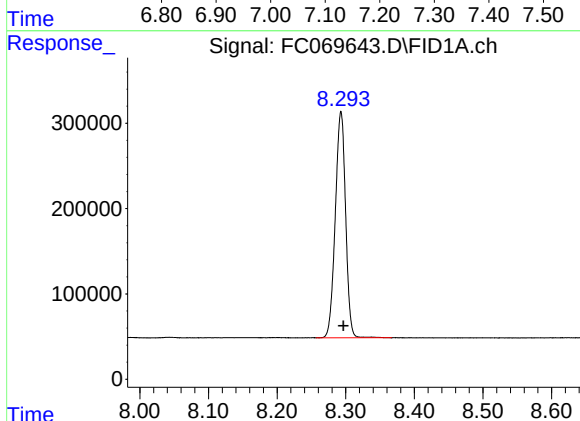
R.T.: 6.494 min
Delta R.T.: -0.003 min
Response: 2808611
Conc: 19.21 ug/ml



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

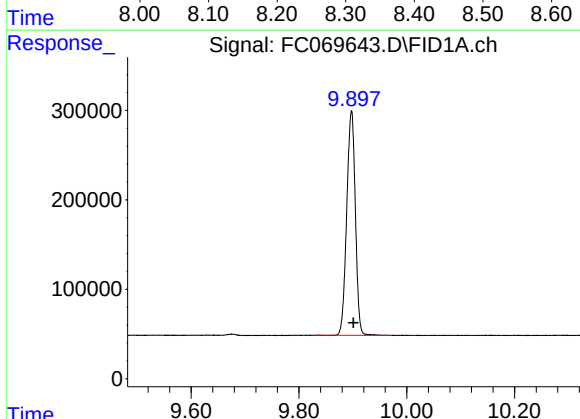
R.T.: 7.123 min
Delta R.T.: -0.005 min
Response: 2838197
Conc: 19.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



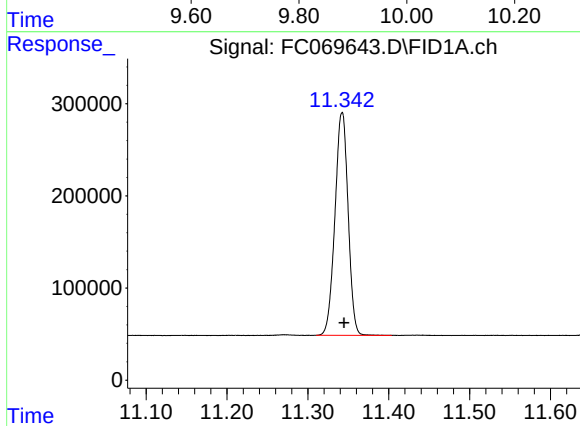
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: -0.004 min
Response: 2769550
Conc: 19.41 ug/ml



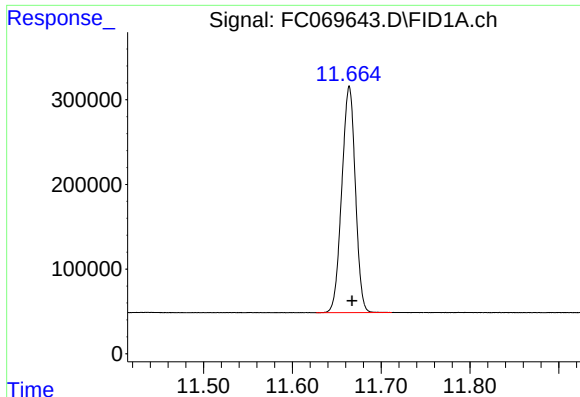
#7 n-Hexadecane (C16)

R.T.: 9.897 min
Delta R.T.: -0.004 min
Response: 2794857
Conc: 19.39 ug/ml



#8 n-Octadecane (C18)

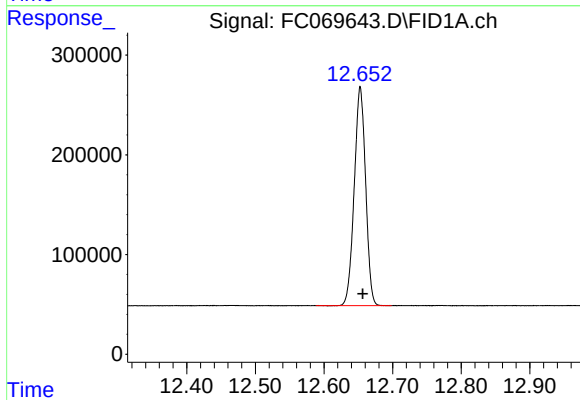
R.T.: 11.342 min
Delta R.T.: -0.003 min
Response: 2730679
Conc: 19.31 ug/ml



#9 ortho-Terphenyl (SURR)

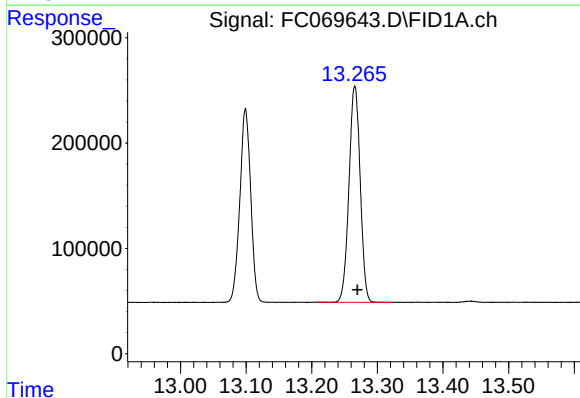
R.T.: 11.664 min
Delta R.T.: -0.003 min
Response: 2835709
Conc: 19.01 ug/ml

Instrument :
FID_C
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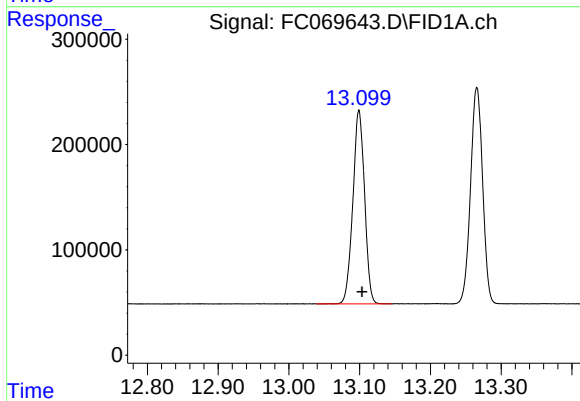
#10 n-Eicosane (C20)

R.T.: 12.653 min
Delta R.T.: -0.003 min
Response: 2528826
Conc: 19.20 ug/ml



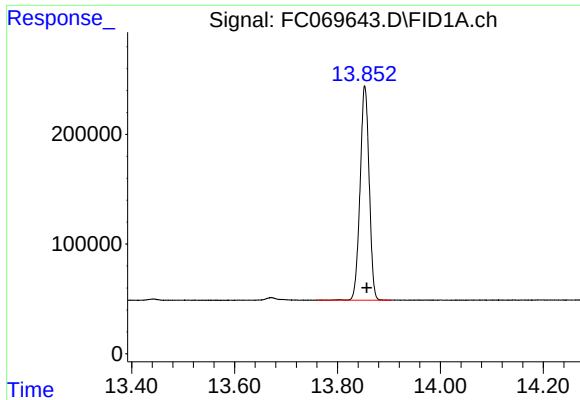
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: -0.004 min
Response: 2439725
Conc: 19.13 ug/ml



#12 1-chlorooctadecane (SURR)

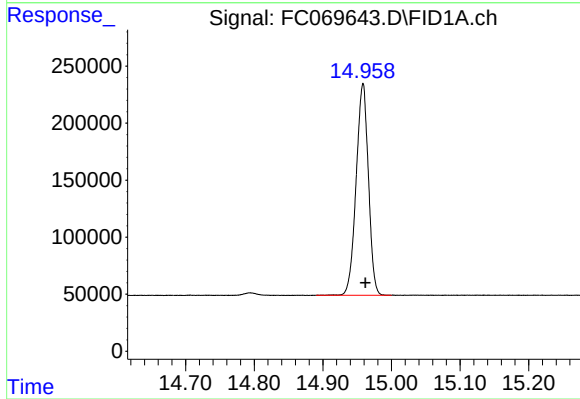
R.T.: 13.099 min
Delta R.T.: -0.004 min
Response: 2112306
Conc: 19.37 ug/ml



#13 n-Docosane (C22)

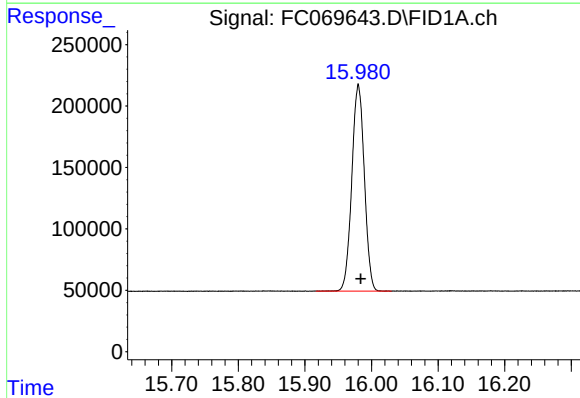
R.T.: 13.853 min
Delta R.T.: -0.004 min
Response: 2391211
Conc: 19.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



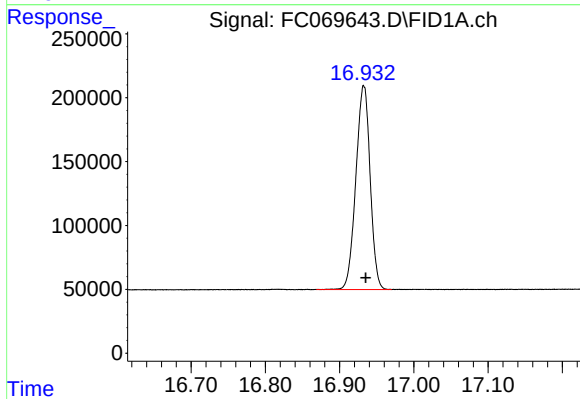
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: -0.004 min
Response: 2305022
Conc: 19.10 ug/ml



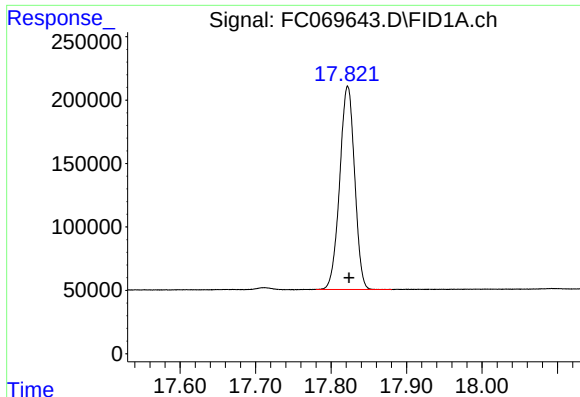
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: -0.003 min
Response: 2198643
Conc: 19.03 ug/ml



#16 n-Octacosane (C28)

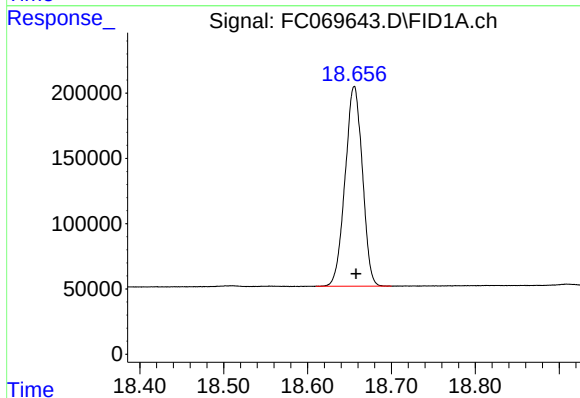
R.T.: 16.932 min
Delta R.T.: -0.003 min
Response: 2132163
Conc: 19.02 ug/ml



#17 n-Tricontane (C30)

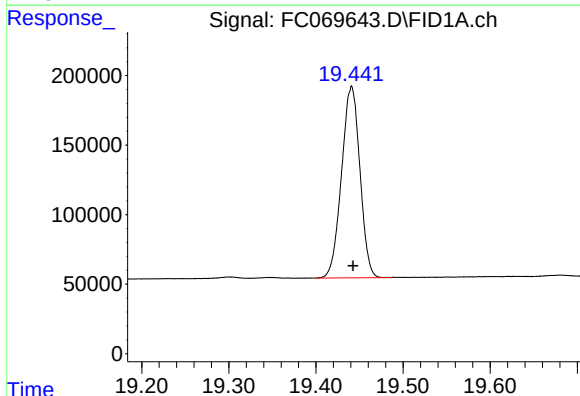
R.T.: 17.822 min
Delta R.T.: -0.002 min
Response: 2203740
Conc: 19.25 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



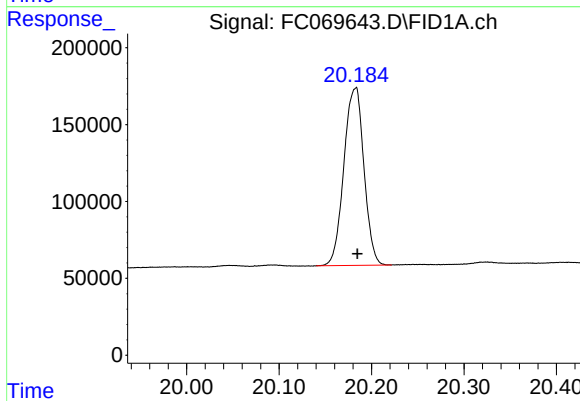
#18 n-Dotriacontane (C32)

R.T.: 18.656 min
Delta R.T.: -0.002 min
Response: 2189781
Conc: 19.71 ug/ml



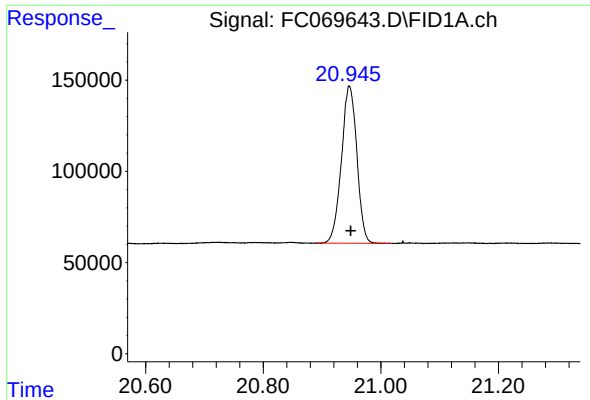
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min
Delta R.T.: -0.002 min
Response: 2017157
Conc: 19.81 ug/ml



#20 n-Hexatriacontane (C36)

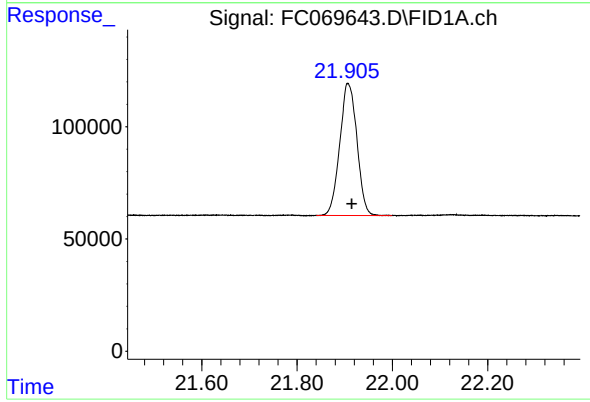
R.T.: 20.182 min
Delta R.T.: -0.003 min
Response: 1742280
Conc: 19.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.947 min
Delta R.T.: -0.003 min
Response: 1568799
Conc: 19.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.907 min
Delta R.T.: -0.008 min
Response: 1470012
Conc: 19.63 ug/ml