

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069565.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 15:52
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 01 16:20:01 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)	11.669	3083952	20.672 ug/ml
Spiked Amount 50.000		Recovery =	41.34%
12) S 1-chlorooctadecane (S...	13.104	2275617	20.873 ug/ml
Spiked Amount 50.000		Recovery =	41.75%
Target Compounds			
1) T n-Nonane (C9)	3.400	2846052	19.976 ug/ml
2) T n-Decane (C10)	4.473	2927031	20.133 ug/ml
3) T A~Naphthalene (C11.7)	6.069	3143527	20.259 ug/ml
4) T n-Dodecane (C12)	6.499	2940826	20.117 ug/ml
5) T A~2-methylnaphthalene...	7.128	3000172	20.371 ug/ml
6) T n-Tetradecane (C14)	8.298	2893151	20.273 ug/ml
7) T n-Hexadecane (C16)	9.902	2951518	20.474 ug/ml
8) T n-Octadecane (C18)	11.347	2920642	20.653 ug/ml
10) T n-Eicosane (C20)	12.657	2736556	20.774 ug/ml
11) T n-Heneicosane (C21)	13.271	2652600	20.798 ug/ml
13) T n-Docosane (C22)	13.858	2610223	20.895 ug/ml
14) T n-Tetracosane (C24)	14.962	2516866	20.857 ug/ml
15) T n-Hexacosane (C26)	15.985	2410584	20.862 ug/ml
16) T n-Octacosane (C28)	16.936	2330120	20.788 ug/ml
17) T n-Tricontane (C30)	17.826	2366032	20.665 ug/ml
18) T n-Dotriacontane (C32)	18.659	2290113	20.616 ug/ml
19) T n-Tetratriacontane (C34)	19.444	2096255	20.587 ug/ml
20) T n-Hexatriacontane (C36)	20.185	1823081	20.446 ug/ml
21) T n-Octatriacontane (C38)	20.950	1647232	20.477 ug/ml
22) T n-Tetracontane (C40)	21.915	1545499	20.639 ug/ml

(f)=RT Delta > 1/2 Window

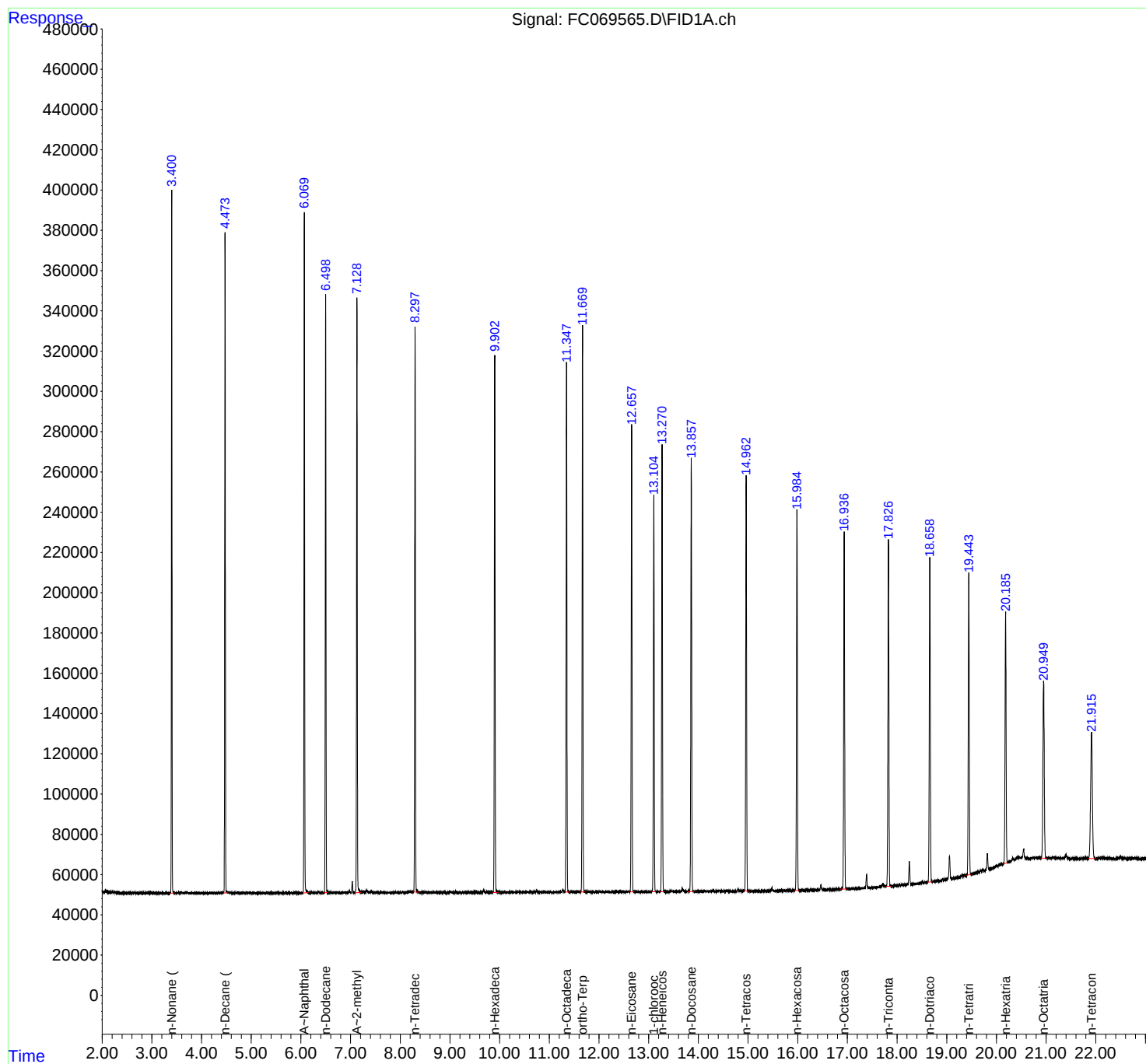
(m)=manual int.

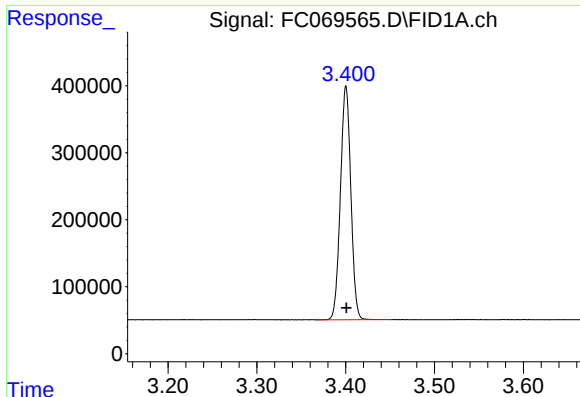
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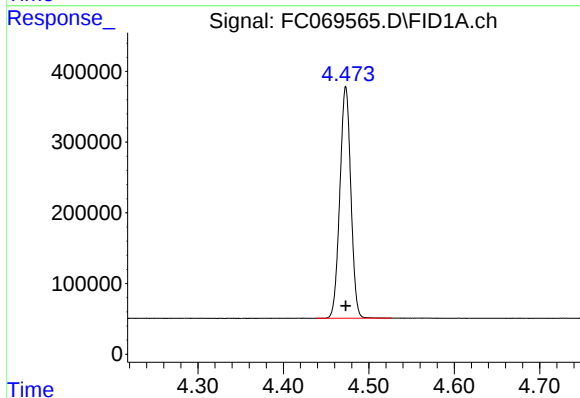




#1 n-Nonane (C9)

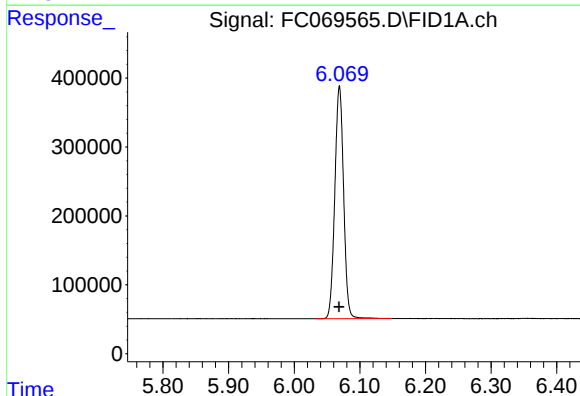
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 2846052
Conc: 19.98 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



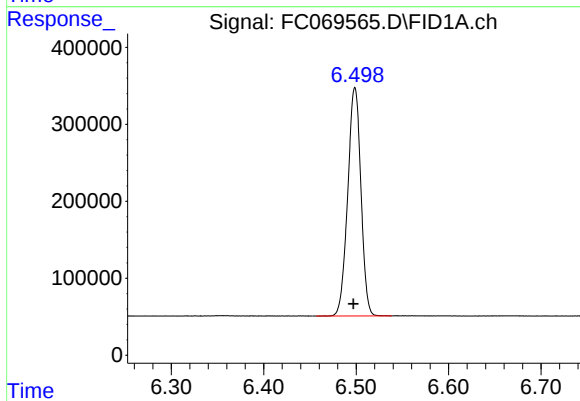
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 2927031
Conc: 20.13 ug/ml



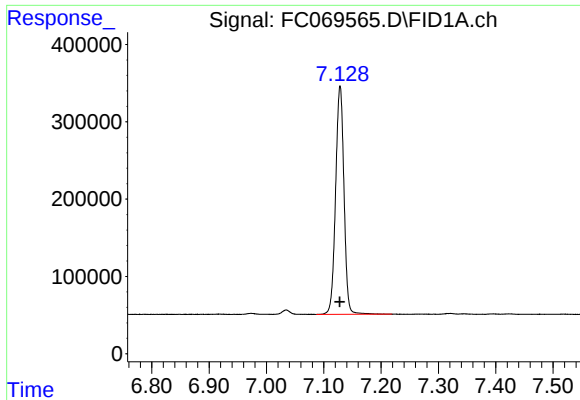
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 3143527
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

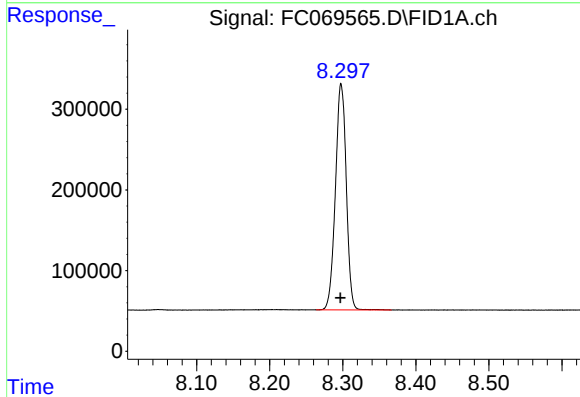
R.T.: 6.499 min
Delta R.T.: 0.002 min
Response: 2940826
Conc: 20.12 ug/ml



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

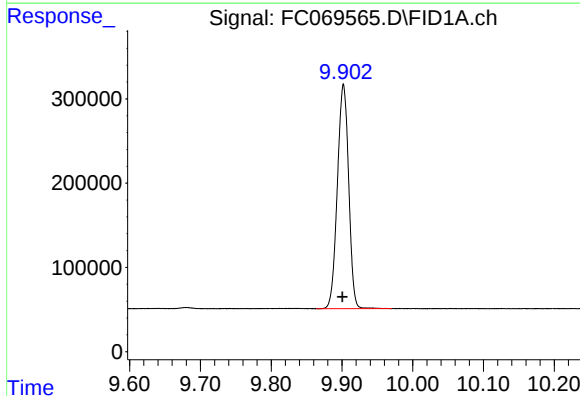
R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 3000172
Conc: 20.37 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



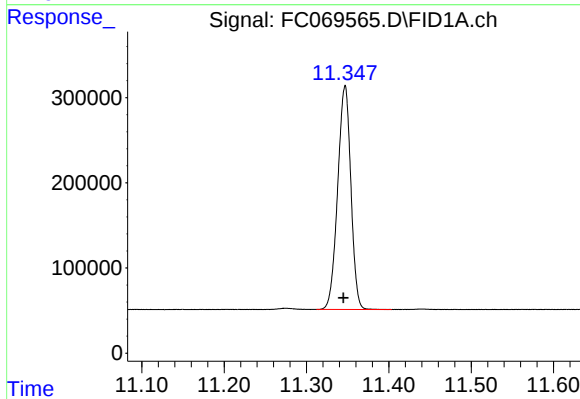
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: 0.001 min
Response: 2893151
Conc: 20.27 ug/ml



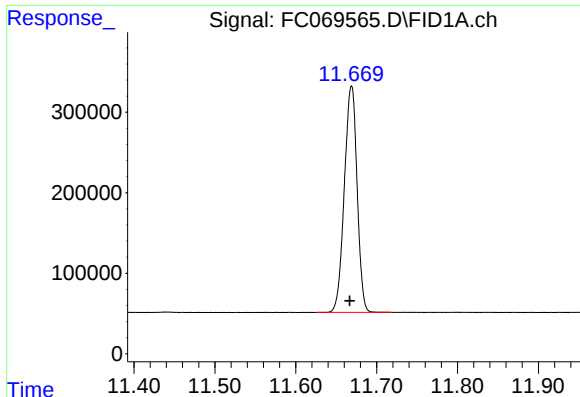
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.001 min
Response: 2951518
Conc: 20.47 ug/ml



#8 n-Octadecane (C18)

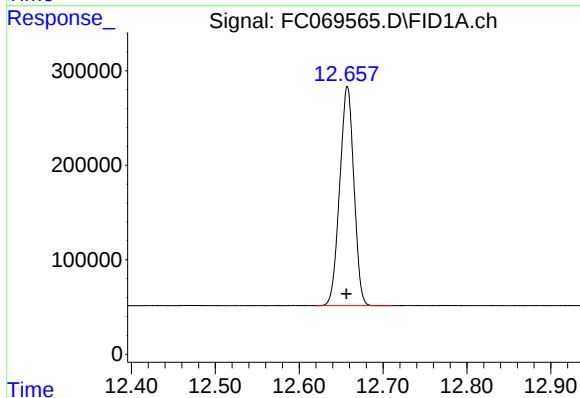
R.T.: 11.347 min
Delta R.T.: 0.002 min
Response: 2920642
Conc: 20.65 ug/ml



#9 ortho-Terphenyl (SURR)

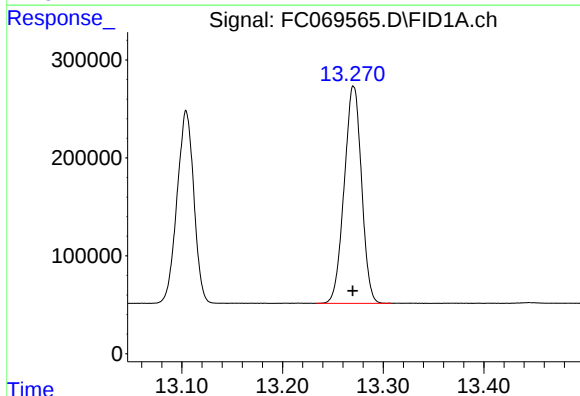
R.T.: 11.669 min
Delta R.T.: 0.002 min
Response: 3083952
Conc: 20.67 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



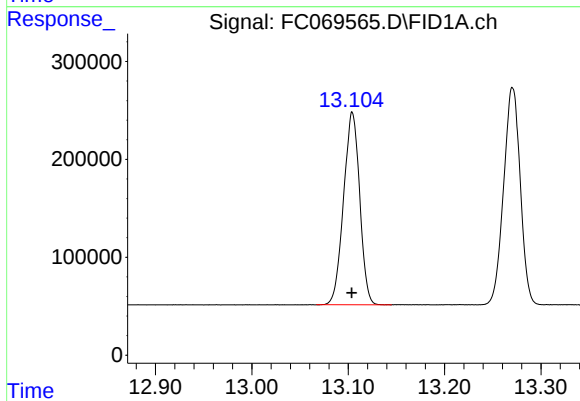
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: 0.001 min
Response: 2736556
Conc: 20.77 ug/ml



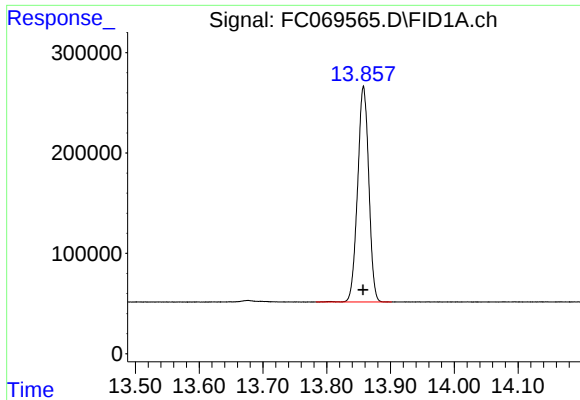
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.001 min
Response: 2652600
Conc: 20.80 ug/ml



#12 1-chlorooctadecane (SURR)

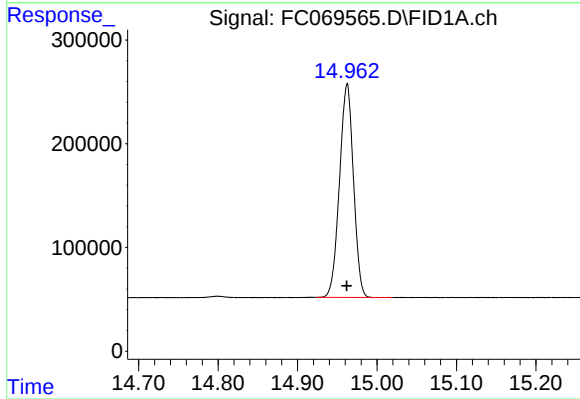
R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 2275617
Conc: 20.87 ug/ml



#13 n-Docosane (C22)

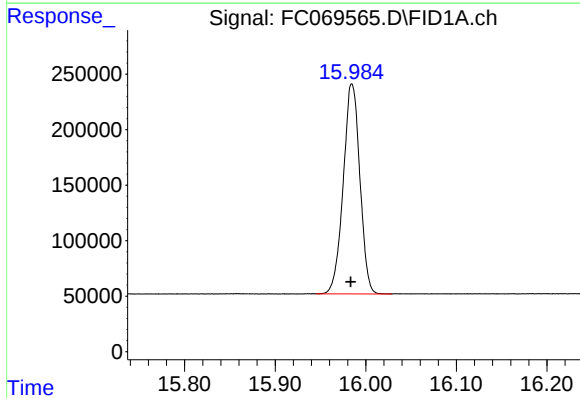
R.T.: 13.858 min
Delta R.T.: 0.000 min
Response: 2610223
Conc: 20.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



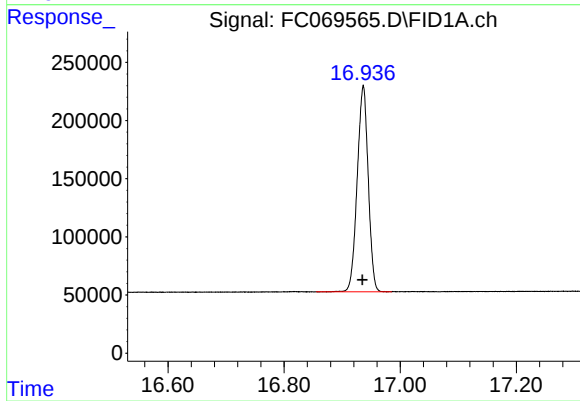
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: 0.000 min
Response: 2516866
Conc: 20.86 ug/ml



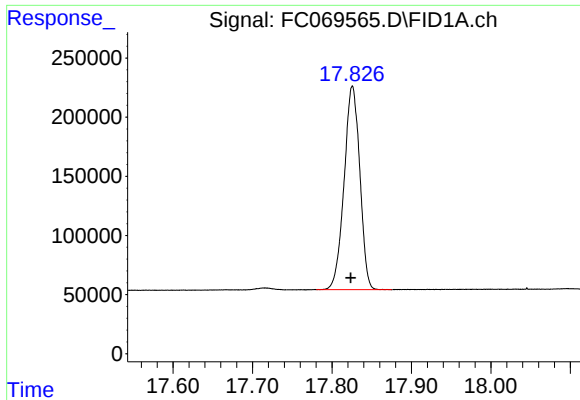
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: 0.001 min
Response: 2410584
Conc: 20.86 ug/ml



#16 n-Octacosane (C28)

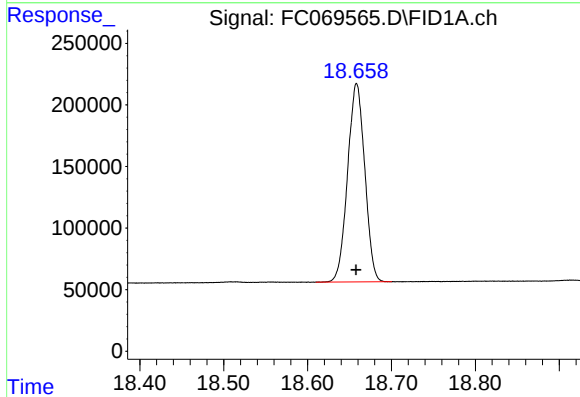
R.T.: 16.936 min
Delta R.T.: 0.001 min
Response: 2330120
Conc: 20.79 ug/ml



#17 n-Tricontane (C30)

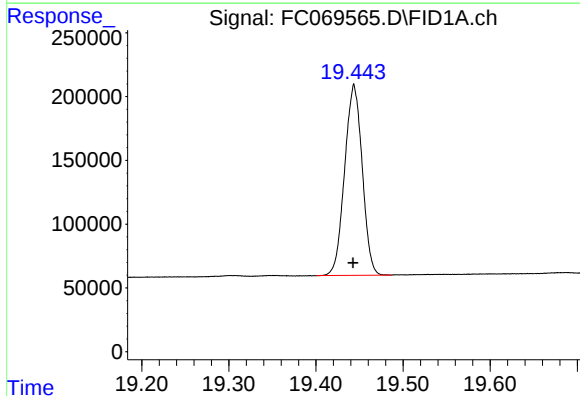
R.T.: 17.826 min
Delta R.T.: 0.002 min
Response: 2366032
Conc: 20.66 ug/ml

Instrument :
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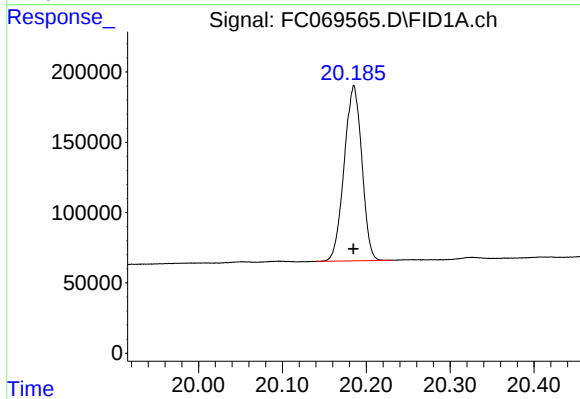
#18 n-Dotriacontane (C32)

R.T.: 18.659 min
Delta R.T.: 0.000 min
Response: 2290113
Conc: 20.62 ug/ml



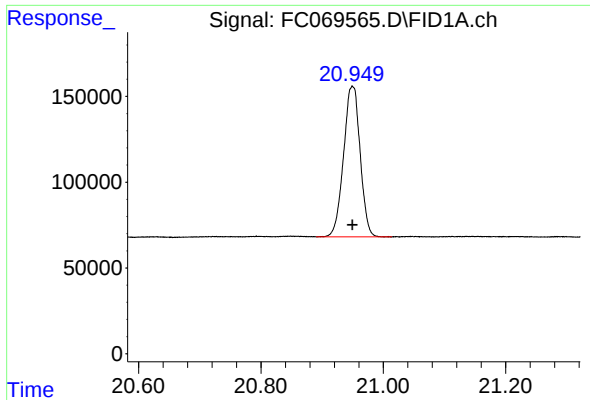
#19 n-Tetratriacontane (C34)

R.T.: 19.444 min
Delta R.T.: 0.001 min
Response: 2096255
Conc: 20.59 ug/ml



#20 n-Hexatriacontane (C36)

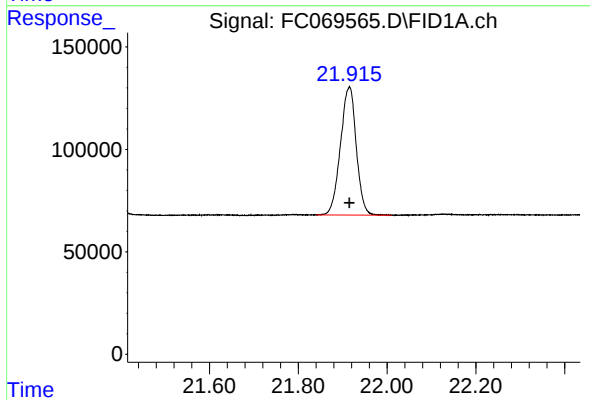
R.T.: 20.185 min
Delta R.T.: 0.000 min
Response: 1823081
Conc: 20.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.950 min
Delta R.T.: 0.000 min
Response: 1647232
Conc: 20.48 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.915 min
Delta R.T.: 0.000 min
Response: 1545499
Conc: 20.64 ug/ml