

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071525AL\
 Data File : FC069453.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2025 12:52
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jul 15 13:16:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.668	2845378	19.173 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
12) S 1-chlorooctadecane (S...	13.104	2167375	19.179 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
Target Compounds			
1) T n-Nonane (C9)	3.400	2643588	19.427 ug/ml
2) T n-Decane (C10)	4.474	2716268	19.516 ug/ml
3) T A~Naphthalene (C11.7)	6.068	2929559	19.387 ug/ml
4) T n-Dodecane (C12)	6.499	2786385	19.659 ug/ml
5) T A~2-methylnaphthalene...	7.128	2828279	19.359 ug/ml
6) T n-Tetradecane (C14)	8.298	2809138	19.757 ug/ml
7) T n-Hexadecane (C16)	9.902	2870883	19.669 ug/ml
8) T n-Octadecane (C18)	11.347	2802831	19.485 ug/ml
10) T n-Eicosane (C20)	12.658	2593298	19.317 ug/ml
11) T n-Heneicosane (C21)	13.271	2502094	19.263 ug/ml
13) T n-Docosane (C22)	13.858	2437741	19.193 ug/ml
14) T n-Tetracosane (C24)	14.962	2338129	19.157 ug/ml
15) T n-Hexacosane (C26)	15.985	2218225	19.093 ug/ml
16) T n-Octacosane (C28)	16.935	2114801	19.102 ug/ml
17) T n-Tricontane (C30)	17.824	2102291	19.199 ug/ml
18) T n-Dotriacontane (C32)	18.658	2003331	19.305 ug/ml
19) T n-Tetratriacontane (C34)	19.442	1827746	19.397 ug/ml
20) T n-Hexatriacontane (C36)	20.184	1603885	19.418 ug/ml
21) T n-Octatriacontane (C38)	20.948	1475764	19.430 ug/ml
22) T n-Tetracontane (C40)	21.911	1429602	19.517 ug/ml

(f)=RT Delta > 1/2 Window

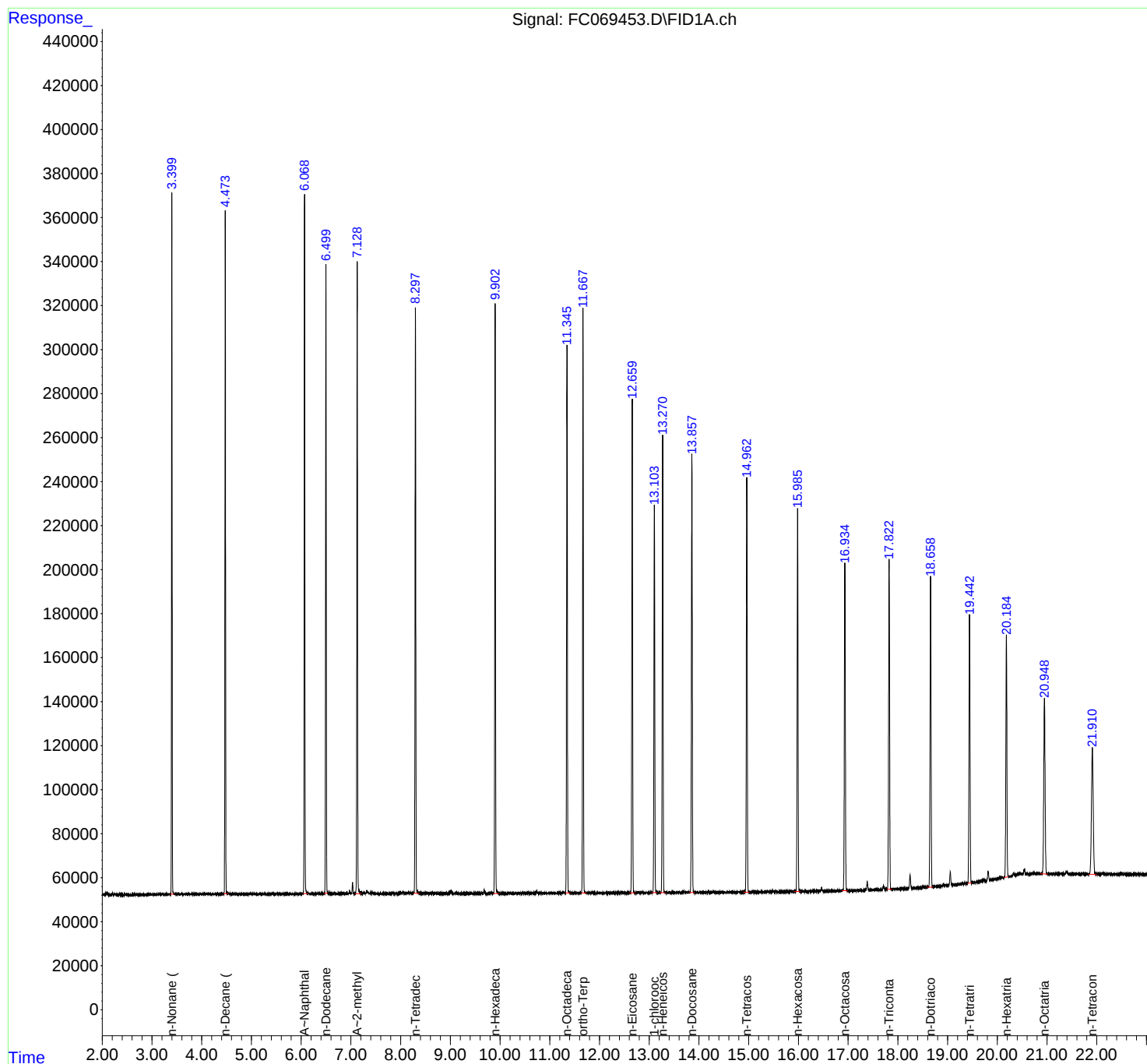
(m)=manual int.

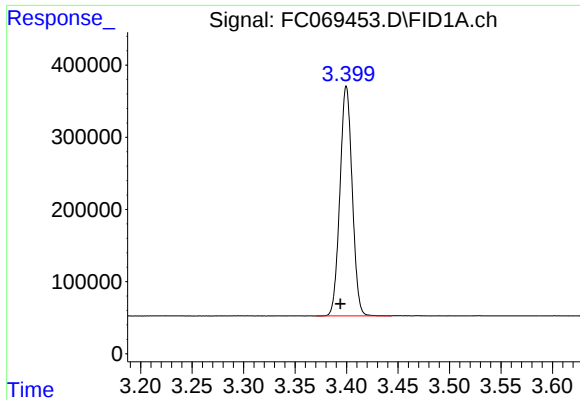
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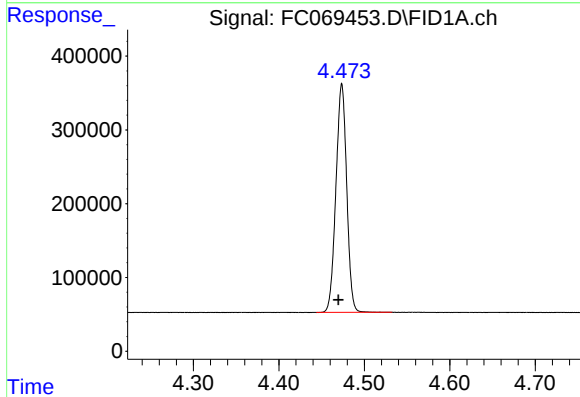




#1 n-Nonane (C9)

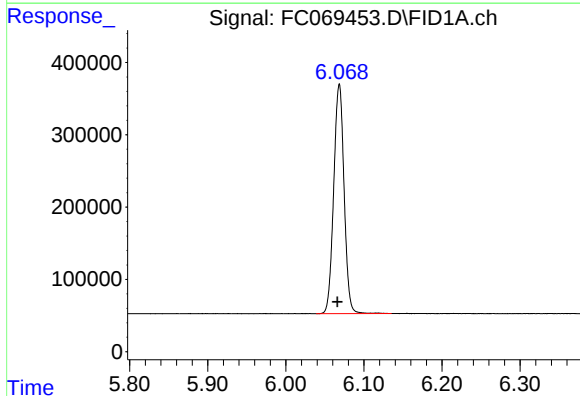
R.T.: 3.400 min
Delta R.T.: 0.006 min
Response: 2643588
Conc: 19.43 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD ICV



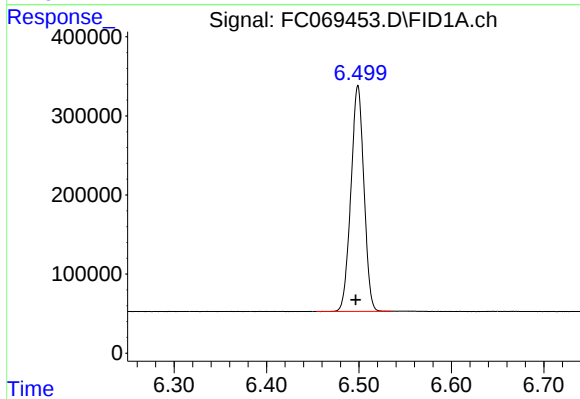
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.004 min
Response: 2716268
Conc: 19.52 ug/ml



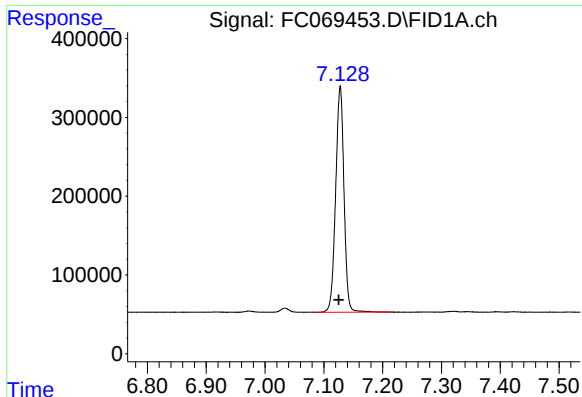
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: 0.002 min
Response: 2929559
Conc: 19.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.499 min
Delta R.T.: 0.002 min
Response: 2786385
Conc: 19.66 ug/ml



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

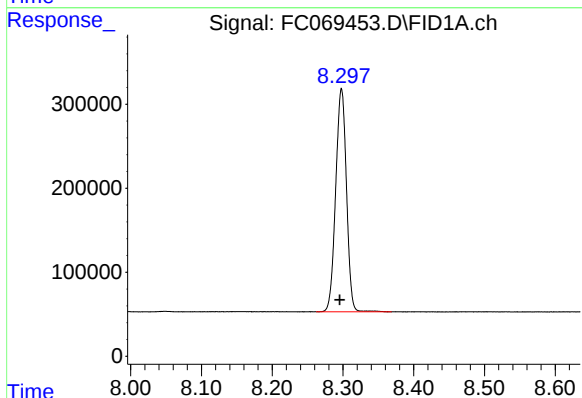
R.T.: 7.128 min
Delta R.T.: 0.002 min
Response: 2828279
Conc: 19.36 ug/ml

Instrument :

FID_C

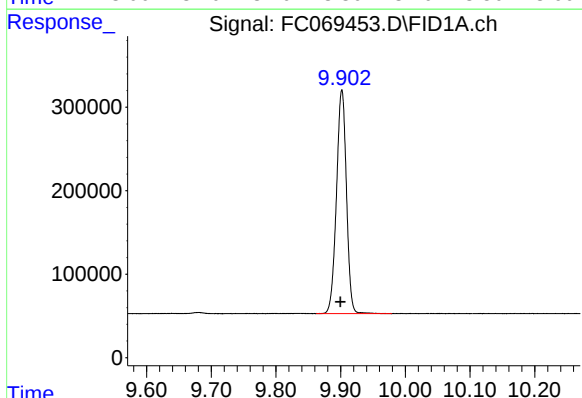
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



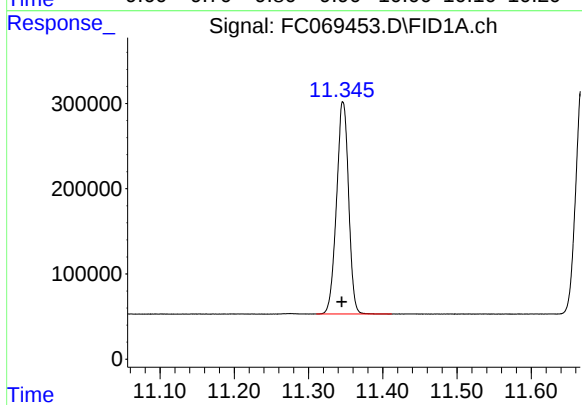
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: 0.002 min
Response: 2809138
Conc: 19.76 ug/ml



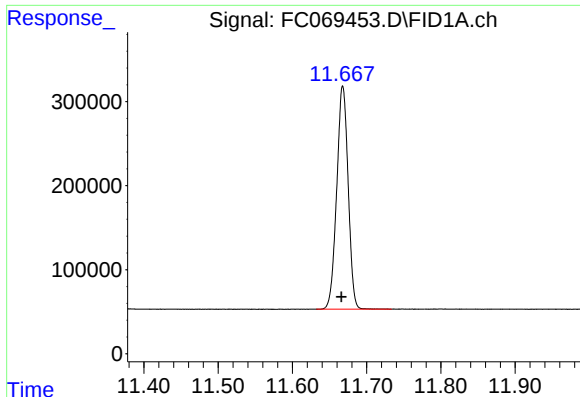
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.002 min
Response: 2870883
Conc: 19.67 ug/ml



#8 n-Octadecane (C18)

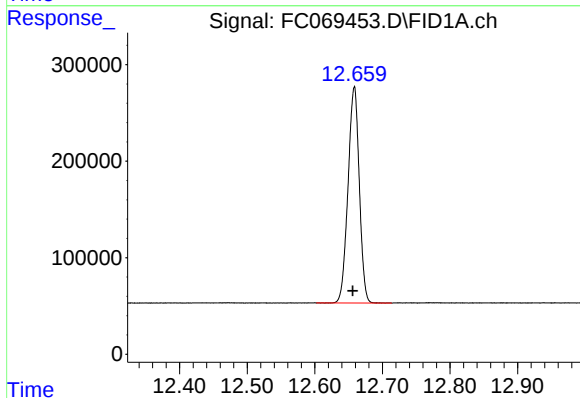
R.T.: 11.347 min
Delta R.T.: 0.002 min
Response: 2802831
Conc: 19.48 ug/ml



#9 ortho-Terphenyl (SURR)

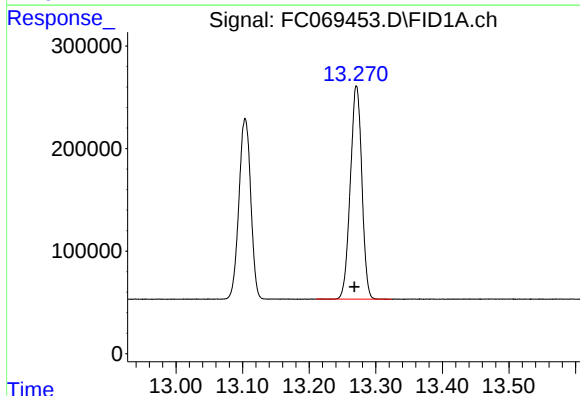
R.T.: 11.668 min
Delta R.T.: 0.002 min
Response: 2845378
Conc: 19.17 ug/ml

Instrument :
FID_C
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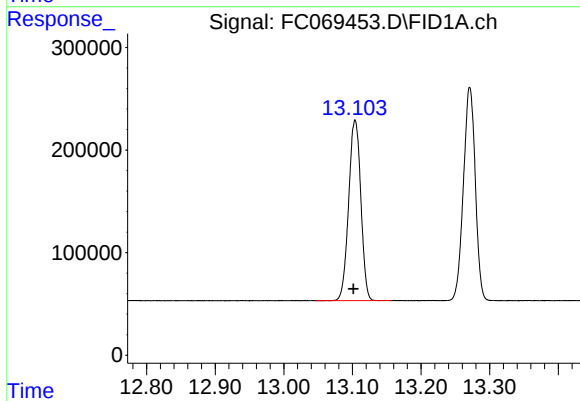
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: 0.002 min
Response: 2593298
Conc: 19.32 ug/ml



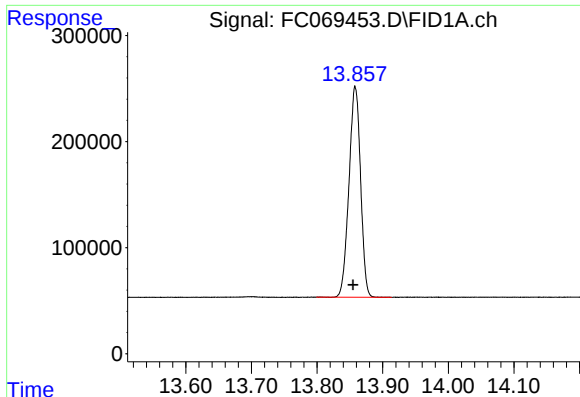
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.003 min
Response: 2502094
Conc: 19.26 ug/ml



#12 1-chlorooctadecane (SURR)

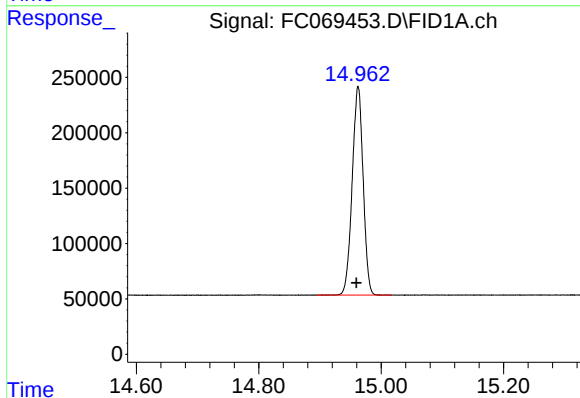
R.T.: 13.104 min
Delta R.T.: 0.002 min
Response: 2167375
Conc: 19.18 ug/ml



#13 n-Docosane (C22)

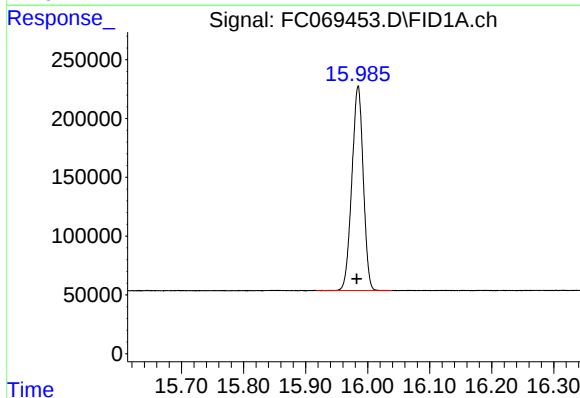
R.T.: 13.858 min
Delta R.T.: 0.003 min
Response: 2437741
Conc: 19.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



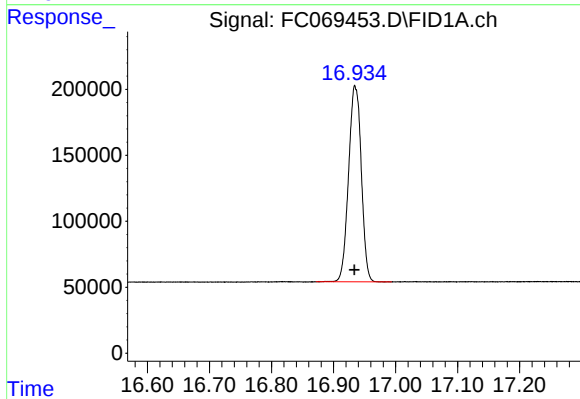
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: 0.003 min
Response: 2338129
Conc: 19.16 ug/ml



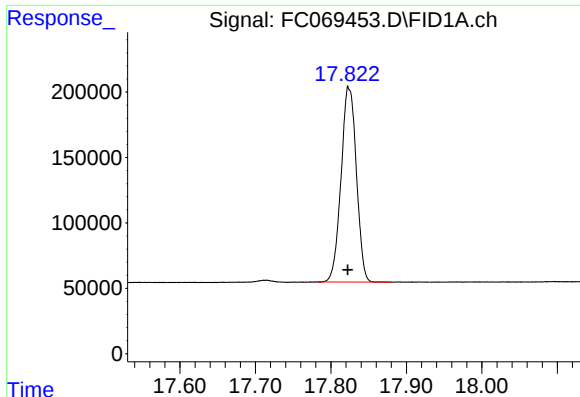
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: 0.002 min
Response: 2218225
Conc: 19.09 ug/ml



#16 n-Octacosane (C28)

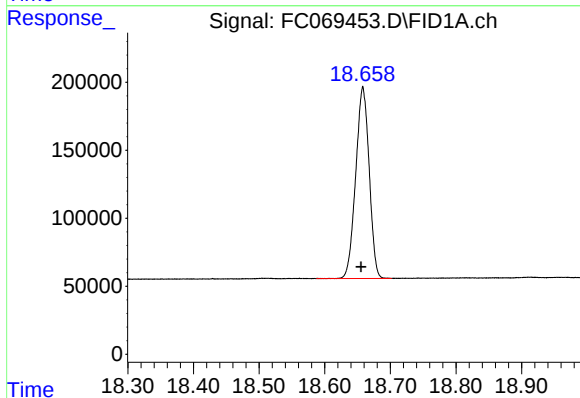
R.T.: 16.935 min
Delta R.T.: 0.001 min
Response: 2114801
Conc: 19.10 ug/ml



#17 n-Tricontane (C30)

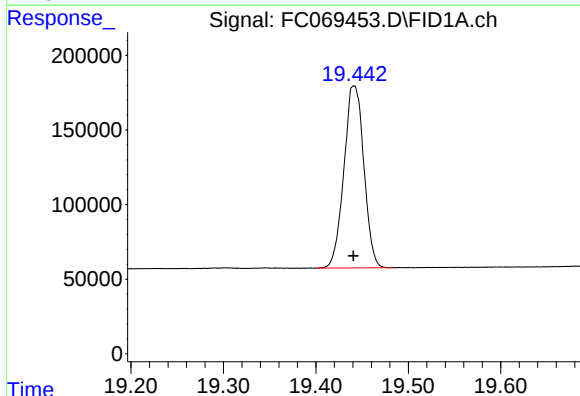
R.T.: 17.824 min
Delta R.T.: 0.002 min
Response: 2102291
Conc: 19.20 ug/ml

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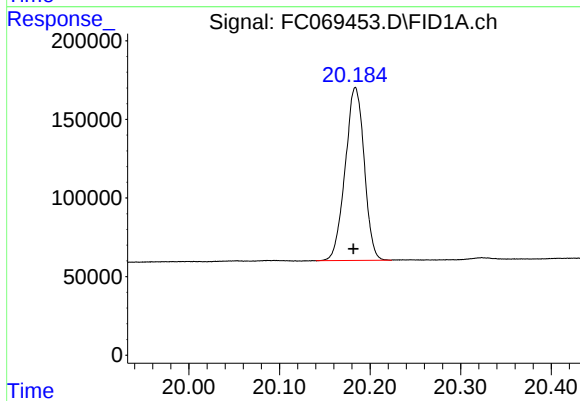
#18 n-Dotriacontane (C32)

R.T.: 18.658 min
Delta R.T.: 0.003 min
Response: 2003331
Conc: 19.31 ug/ml



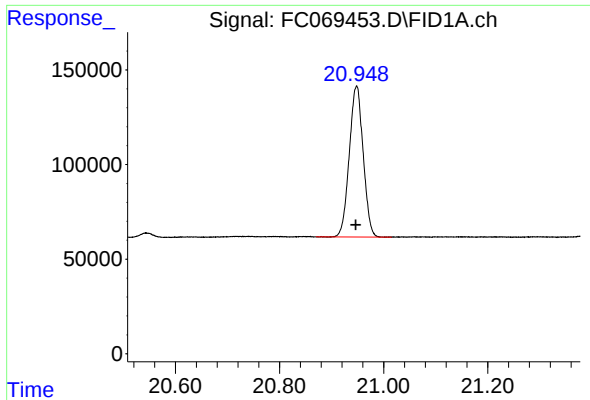
#19 n-Tetratriacontane (C34)

R.T.: 19.442 min
Delta R.T.: 0.000 min
Response: 1827746
Conc: 19.40 ug/ml



#20 n-Hexatriacontane (C36)

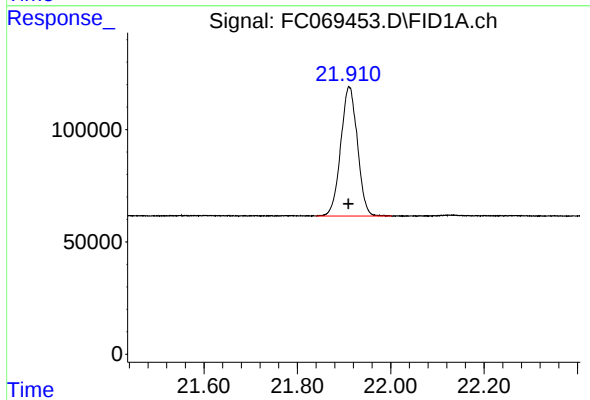
R.T.: 20.184 min
Delta R.T.: 0.002 min
Response: 1603885
Conc: 19.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.948 min
Delta R.T.: 0.002 min
Response: 1475764
Conc: 19.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.911 min
Delta R.T.: 0.002 min
Response: 1429602
Conc: 19.52 ug/ml