

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100925AL\
 Data File : FC069970.D
 Signal(s) : FID1A.ch
 Acq On : 08 Oct 2025 18:44
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Oct 09 06:01:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.643	3625636	20.647 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
12) S 1-chlorooctadecane (S...	13.077	2779191	20.474 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T n-Nonane (C9)	3.384	2881635	20.985 ug/ml
2) T n-Decane (C10)	4.455	3028309	21.065 ug/ml
3) T A~Naphthalene (C11.7)	6.047	3407400	21.083 ug/ml
4) T n-Dodecane (C12)	6.477	3198972	20.871 ug/ml
5) T A~2-methylnaphthalene...	7.106	3360091	21.060 ug/ml
6) T n-Tetradecane (C14)	8.274	3316352	20.852 ug/ml
7) T n-Hexadecane (C16)	9.877	3480387	20.653 ug/ml
8) T n-Octadecane (C18)	11.321	3499582	20.570 ug/ml
10) T n-Eicosane (C20)	12.631	3281473	20.454 ug/ml
11) T n-Heneicosane (C21)	13.244	3176993	20.461 ug/ml
13) T n-Docosane (C22)	13.831	3114284	20.236 ug/ml
14) T n-Tetracosane (C24)	14.935	2984245	19.681 ug/ml
15) T n-Hexacosane (C26)	15.957	2820659	19.488 ug/ml
16) T n-Octacosane (C28)	16.907	2677295	19.358 ug/ml
17) T n-Tricontane (C30)	17.795	2651217	19.418 ug/ml
18) T n-Dotriacontane (C32)	18.628	2510869	19.474 ug/ml
19) T n-Tetratriacontane (C34)	19.413	2263364	19.837 ug/ml
20) T n-Hexatriacontane (C36)	20.152	1949102	20.154 ug/ml
21) T n-Octatriacontane (C38)	20.911	1737500	19.935 ug/ml
22) T n-Tetracontane (C40)	21.863	1637795	19.934 ug/ml

(f)=RT Delta > 1/2 Window

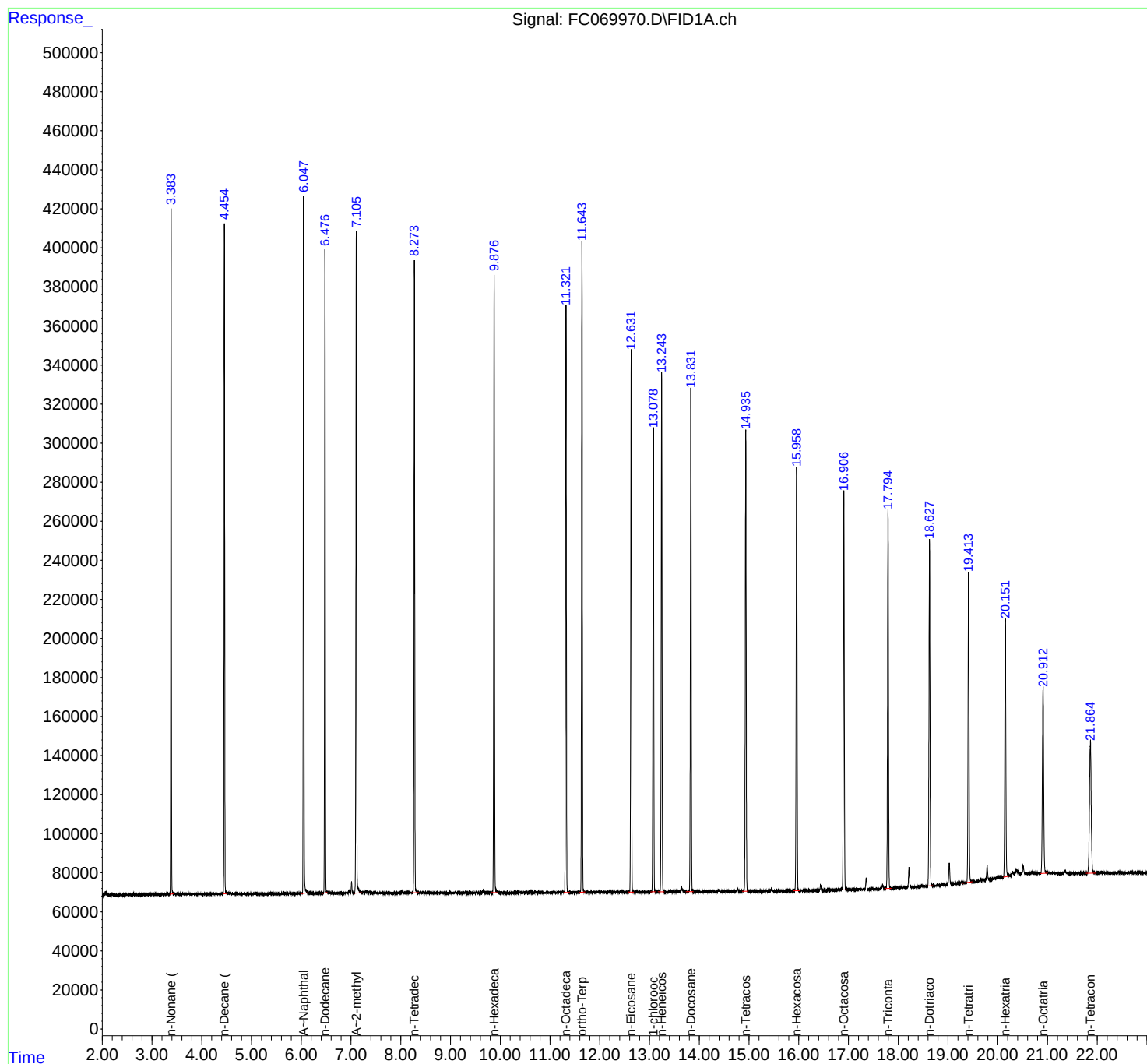
(m)=manual int.

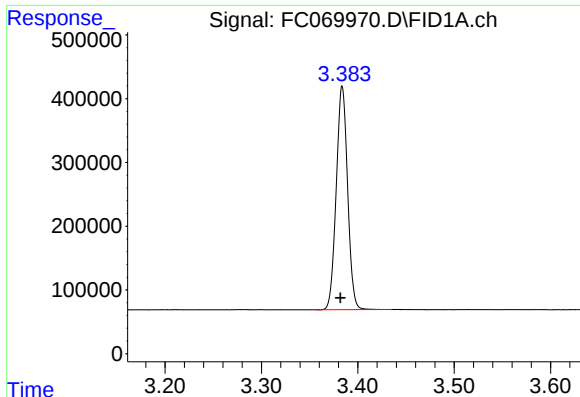
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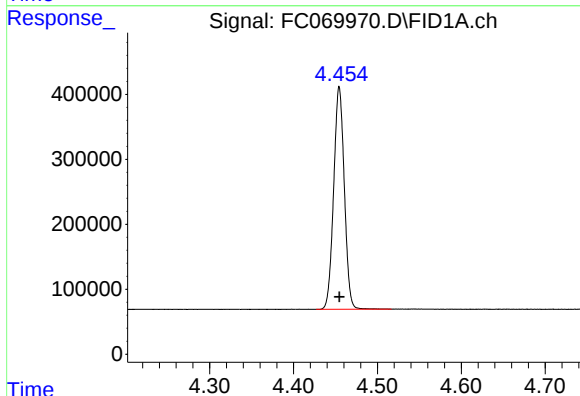




#1 n-Nonane (C9)

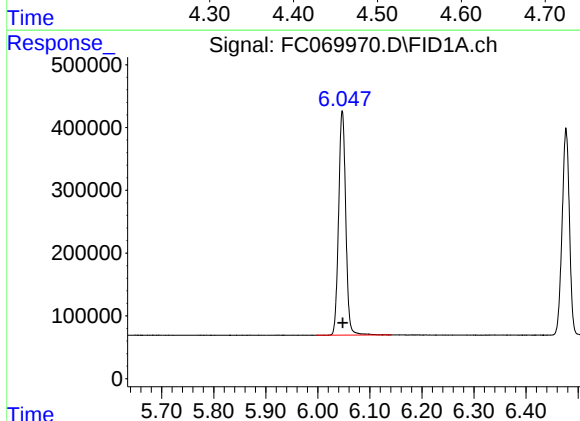
R.T.: 3.384 min
Delta R.T.: 0.002 min
Response: 2881635
Conc: 20.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



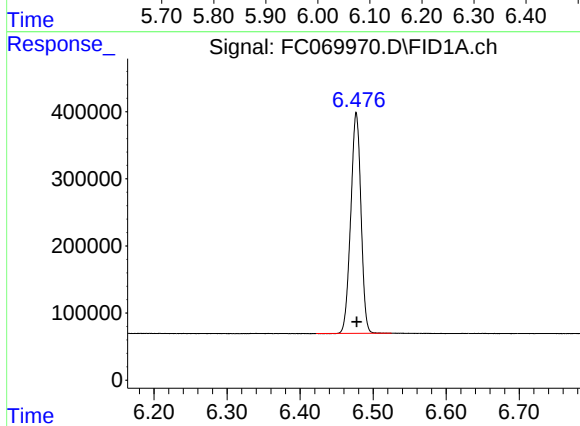
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 3028309
Conc: 21.06 ug/ml



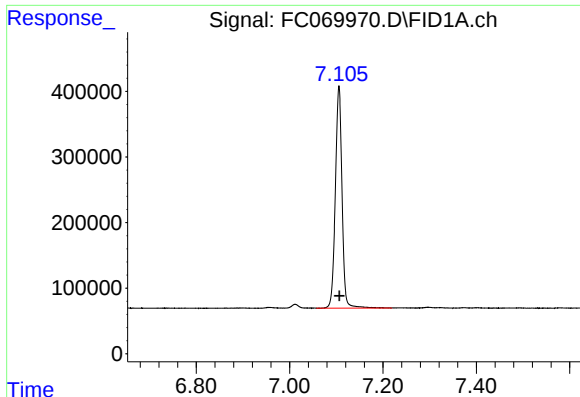
#3 A~Naphthalene (C11.7)

R.T.: 6.047 min
Delta R.T.: -0.001 min
Response: 3407400
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

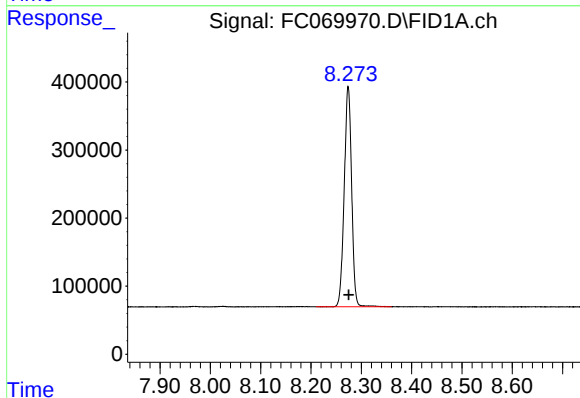
R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 3198972
Conc: 20.87 ug/ml



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

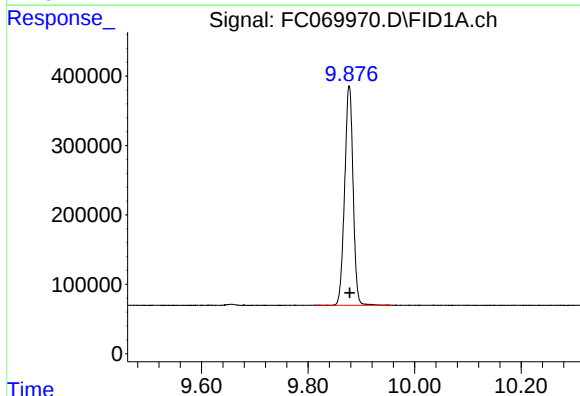
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 3360091
Conc: 21.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



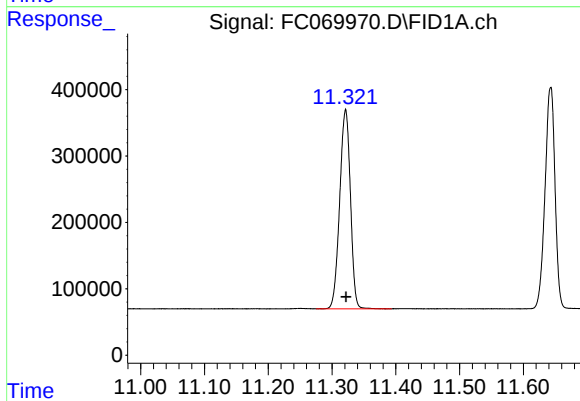
#6 n-Tetradecane (C14)

R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 3316352
Conc: 20.85 ug/ml



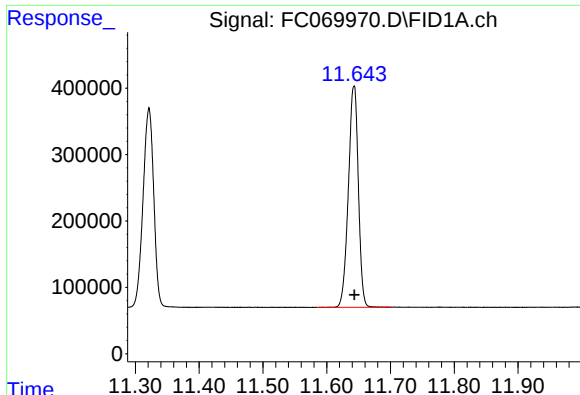
#7 n-Hexadecane (C16)

R.T.: 9.877 min
Delta R.T.: -0.001 min
Response: 3480387
Conc: 20.65 ug/ml



#8 n-Octadecane (C18)

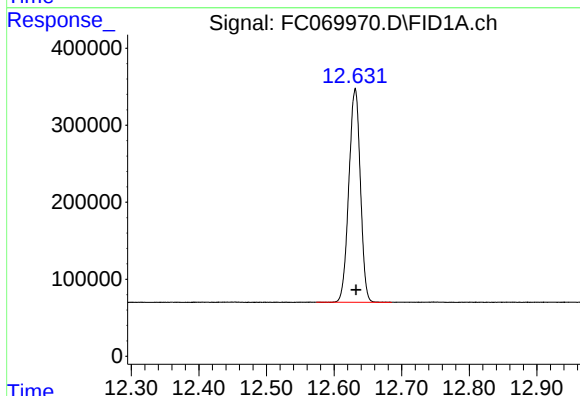
R.T.: 11.321 min
Delta R.T.: 0.000 min
Response: 3499582
Conc: 20.57 ug/ml



#9 ortho-Terphenyl (SURR)

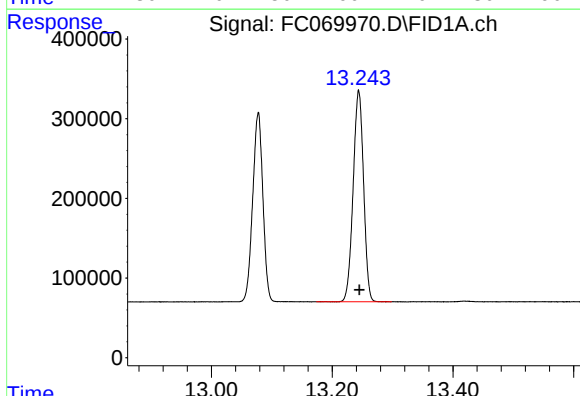
R.T.: 11.643 min
Delta R.T.: -0.001 min
Response: 3625636
Conc: 20.65 ug/ml

Instrument :
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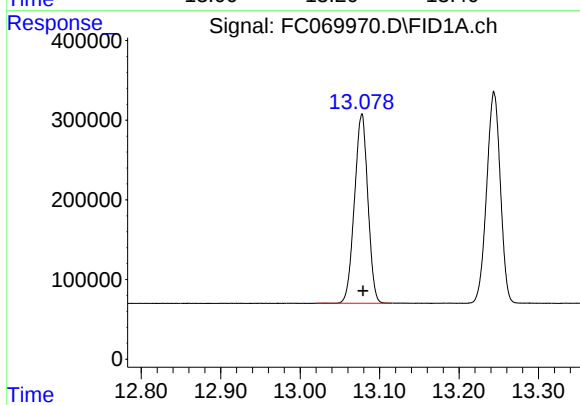
#10 n-Eicosane (C20)

R.T.: 12.631 min
Delta R.T.: -0.002 min
Response: 3281473
Conc: 20.45 ug/ml



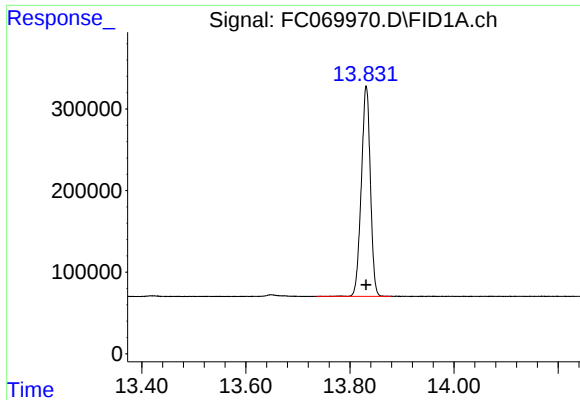
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.001 min
Response: 3176993
Conc: 20.46 ug/ml



#12 1-chlorooctadecane (SURR)

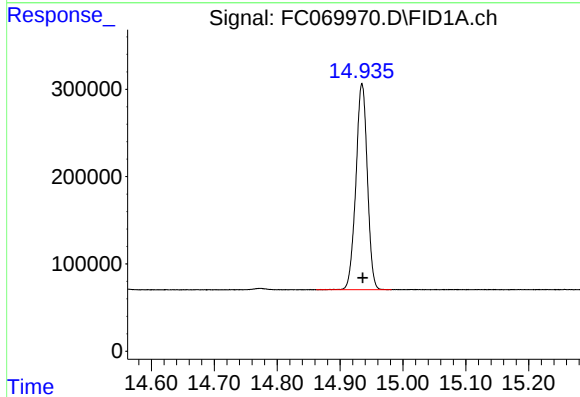
R.T.: 13.077 min
Delta R.T.: -0.002 min
Response: 2779191
Conc: 20.47 ug/ml



#13 n-Docosane (C22)

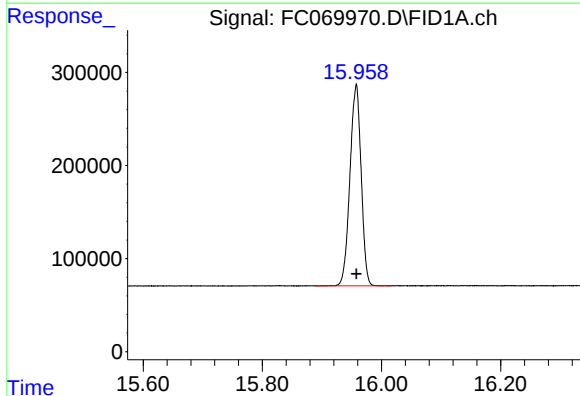
R.T.: 13.831 min
Delta R.T.: 0.000 min
Response: 3114284
Conc: 20.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



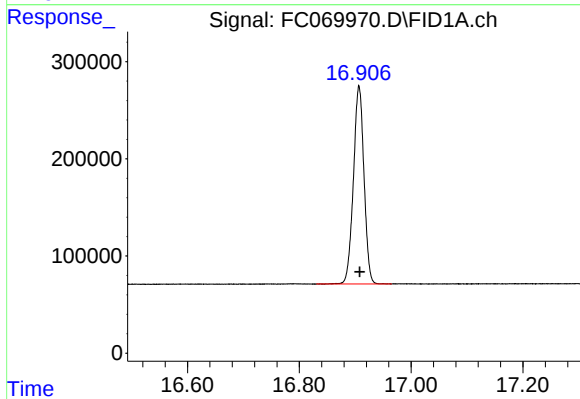
#14 n-Tetracosane (C24)

R.T.: 14.935 min
Delta R.T.: -0.001 min
Response: 2984245
Conc: 19.68 ug/ml



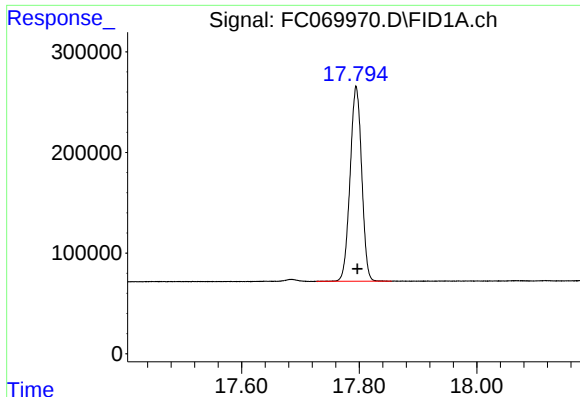
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: 0.000 min
Response: 2820659
Conc: 19.49 ug/ml



#16 n-Octacosane (C28)

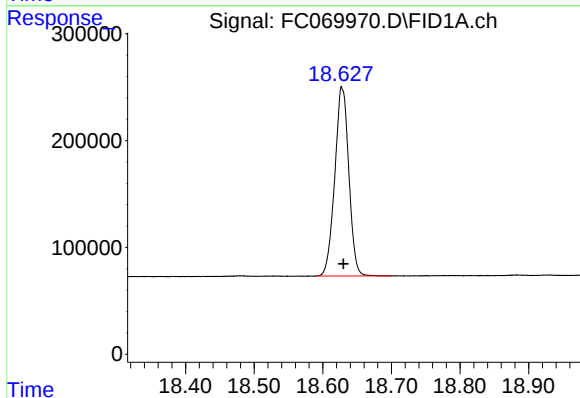
R.T.: 16.907 min
Delta R.T.: -0.001 min
Response: 2677295
Conc: 19.36 ug/ml



#17 n-Tricontane (C30)

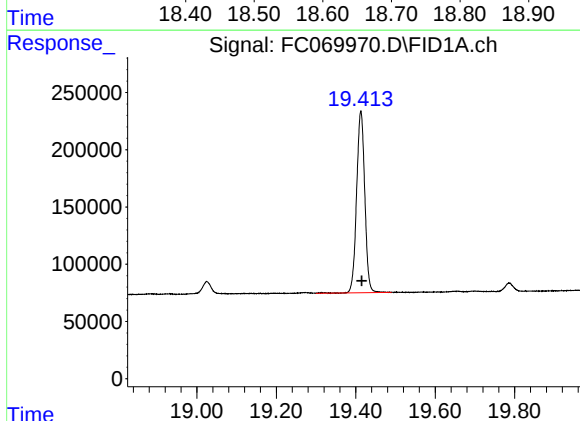
R.T.: 17.795 min
Delta R.T.: -0.002 min
Response: 2651217
Conc: 19.42 ug/ml

Instrument :
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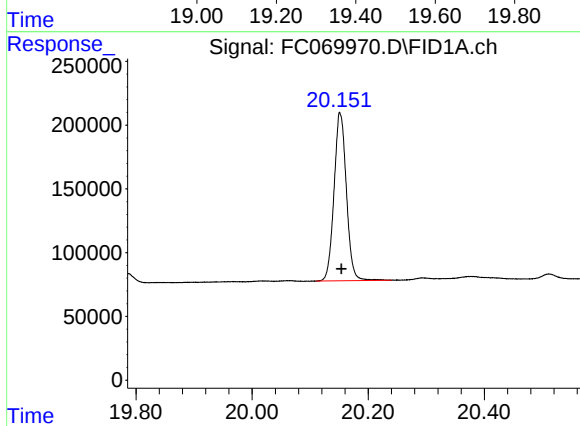
#18 n-Dotriacontane (C32)

R.T.: 18.628 min
Delta R.T.: -0.002 min
Response: 2510869
Conc: 19.47 ug/ml



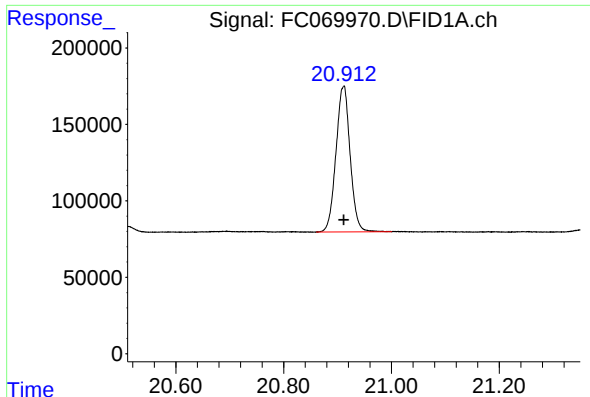
#19 n-Tetratriacontane (C34)

R.T.: 19.413 min
Delta R.T.: -0.002 min
Response: 2263364
Conc: 19.84 ug/ml



#20 n-Hexatriacontane (C36)

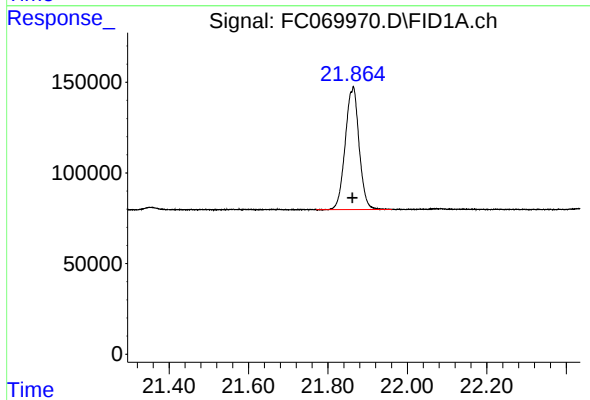
R.T.: 20.152 min
Delta R.T.: -0.002 min
Response: 1949102
Conc: 20.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.911 min
Delta R.T.: 0.000 min
Response: 1737500
Conc: 19.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.863 min
Delta R.T.: 0.001 min
Response: 1637795
Conc: 19.93 ug/ml