

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082625AL\
 Data File : FC069738.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 09:06
 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 26 11:38:38 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)	11.662	3147574	21.098 ug/ml
Spiked Amount 50.000		Recovery =	42.20%
12) S 1-chlorooctadecane (S...	13.097	2373183	21.768 ug/ml
Spiked Amount 50.000		Recovery =	43.54%
Target Compounds			
1) T n-Nonane (C9)	3.395	2874469	20.176 ug/ml
2) T n-Decane (C10)	4.468	2983540	20.522 ug/ml
3) T A~Naphthalene (C11.7)	6.062	3193359	20.581 ug/ml
4) T n-Dodecane (C12)	6.493	3017654	20.643 ug/ml
5) T A~2-methylnaphthalene...	7.122	3062075	20.792 ug/ml
6) T n-Tetradecane (C14)	8.291	3013851	21.119 ug/ml
7) T n-Hexadecane (C16)	9.896	3086737	21.412 ug/ml
8) T n-Octadecane (C18)	11.340	3045549	21.537 ug/ml
10) T n-Eicosane (C20)	12.652	2839104	21.553 ug/ml
11) T n-Heneicosane (C21)	13.264	2743748	21.512 ug/ml
13) T n-Docosane (C22)	13.852	2692423	21.553 ug/ml
14) T n-Tetracosane (C24)	14.956	2598513	21.534 ug/ml
15) T n-Hexacosane (C26)	15.979	2471397	21.388 ug/ml
16) T n-Octacosane (C28)	16.930	2396452	21.380 ug/ml
17) T n-Tricontane (C30)	17.819	2460509	21.490 ug/ml
18) T n-Dotriacontane (C32)	18.653	2437742	21.945 ug/ml
19) T n-Tetratriacontane (C34)	19.438	2241661	22.015 ug/ml
20) T n-Hexatriacontane (C36)	20.179	1942051	21.780 ug/ml
21) T n-Octatriacontane (C38)	20.943	1753859	21.803 ug/ml
22) T n-Tetracontane (C40)	21.904	1648861	22.020 ug/ml

(f)=RT Delta > 1/2 Window

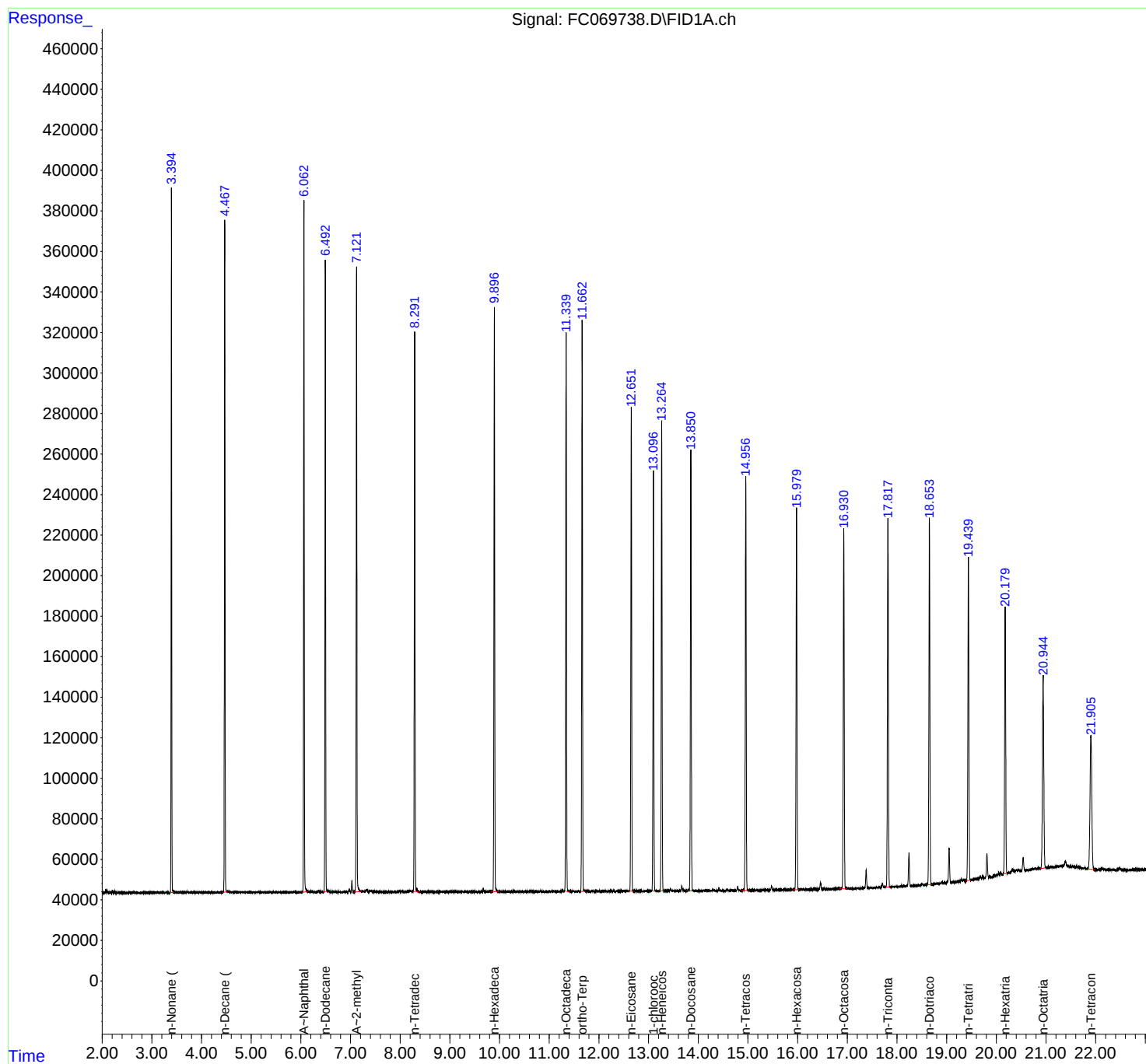
(m)=manual int.

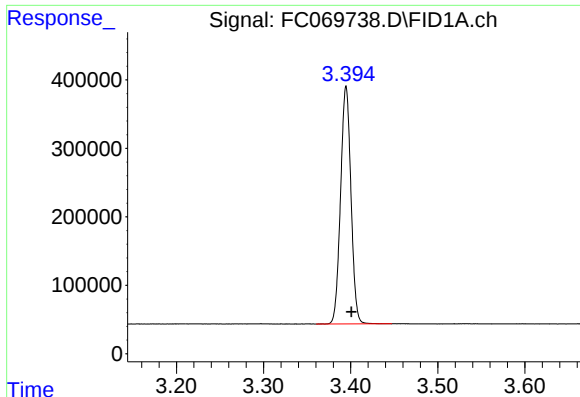
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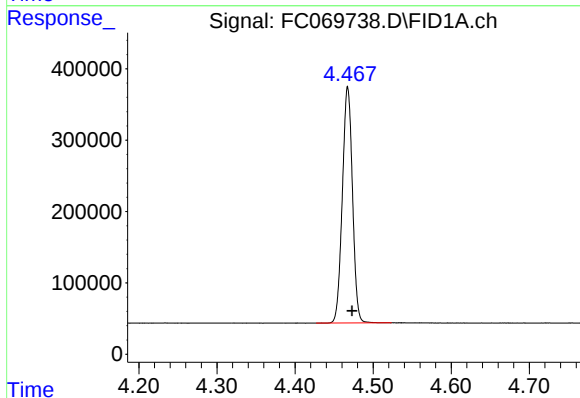




#1 n-Nonane (C9)

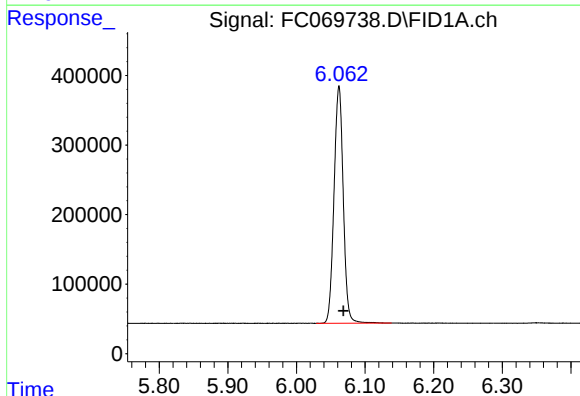
R.T.: 3.395 min
Delta R.T.: -0.006 min
Response: 2874469
Conc: 20.18 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



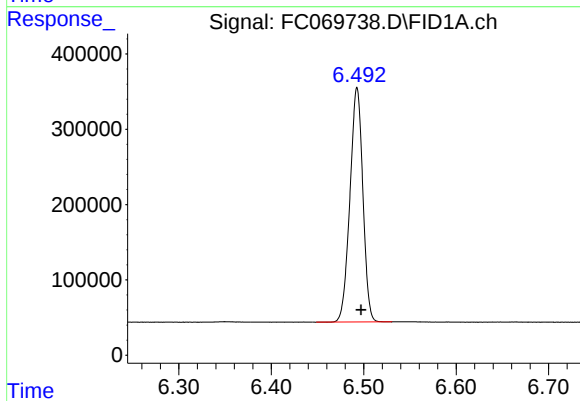
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.005 min
Response: 2983540
Conc: 20.52 ug/ml



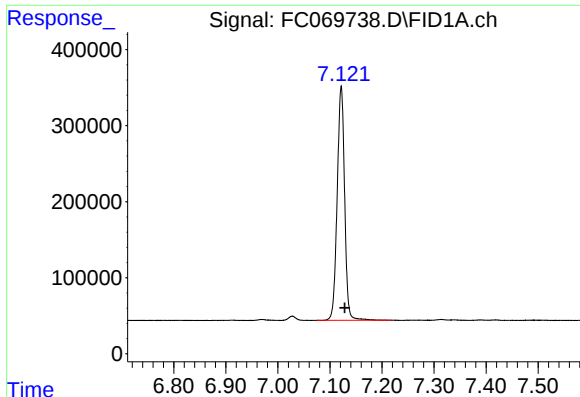
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: -0.006 min
Response: 3193359
Conc: 20.58 ug/ml



#4 n-Dodecane (C12)

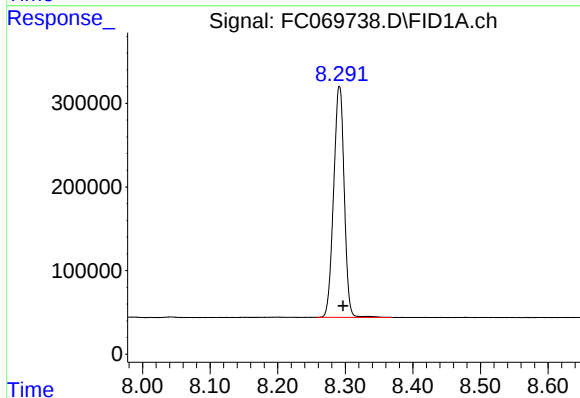
R.T.: 6.493 min
Delta R.T.: -0.004 min
Response: 3017654
Conc: 20.64 ug/ml



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

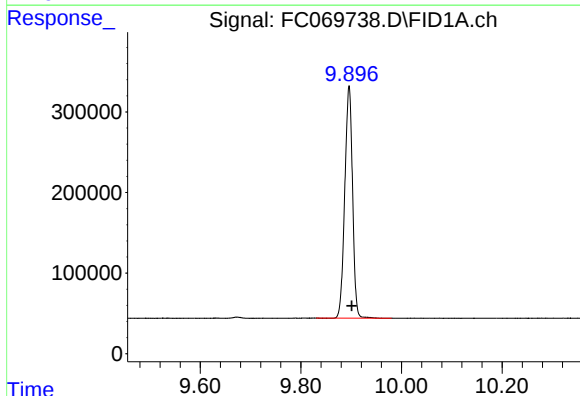
R.T.: 7.122 min
Delta R.T.: -0.007 min
Response: 3062075
Conc: 20.79 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



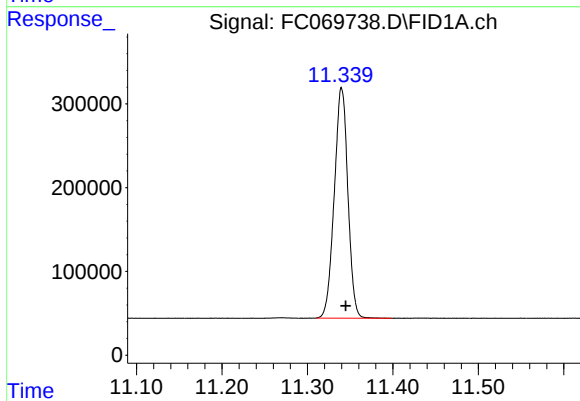
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: -0.005 min
Response: 3013851
Conc: 21.12 ug/ml



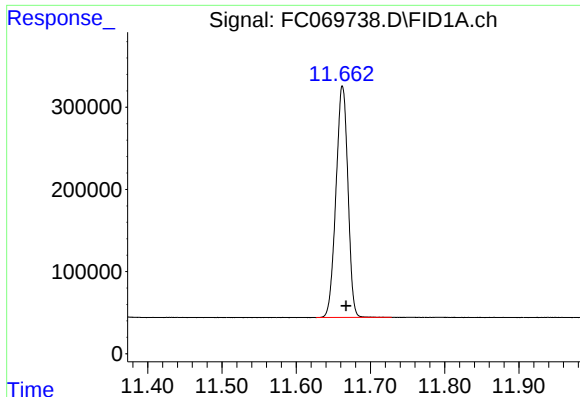
#7 n-Hexadecane (C16)

R.T.: 9.896 min
Delta R.T.: -0.005 min
Response: 3086737
Conc: 21.41 ug/ml



#8 n-Octadecane (C18)

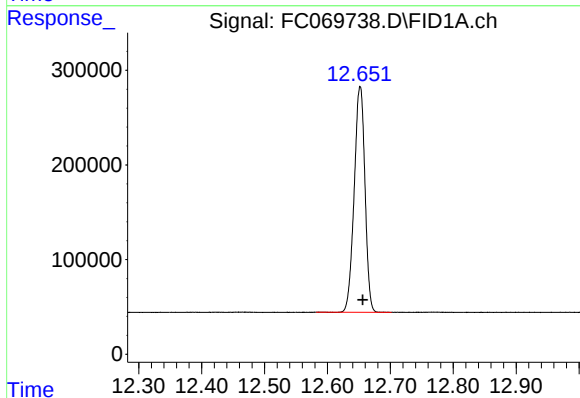
R.T.: 11.340 min
Delta R.T.: -0.005 min
Response: 3045549
Conc: 21.54 ug/ml



#9 ortho-Terphenyl (SURR)

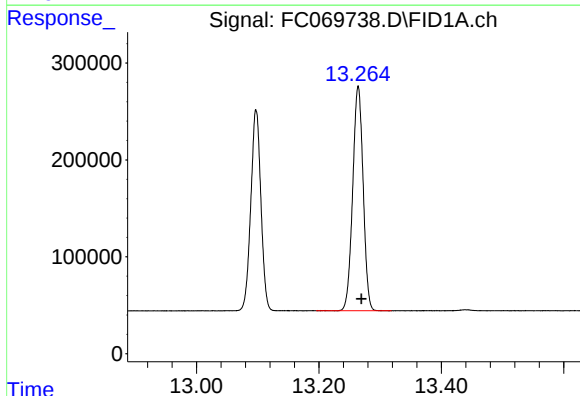
R.T.: 11.662 min
Delta R.T.: -0.005 min
Response: 3147574
Conc: 21.10 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



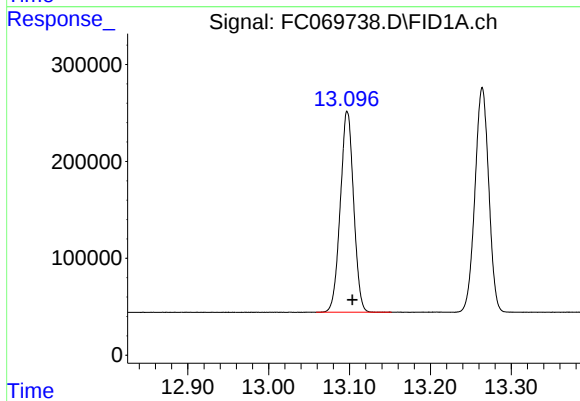
#10 n-Eicosane (C20)

R.T.: 12.652 min
Delta R.T.: -0.004 min
Response: 2839104
Conc: 21.55 ug/ml



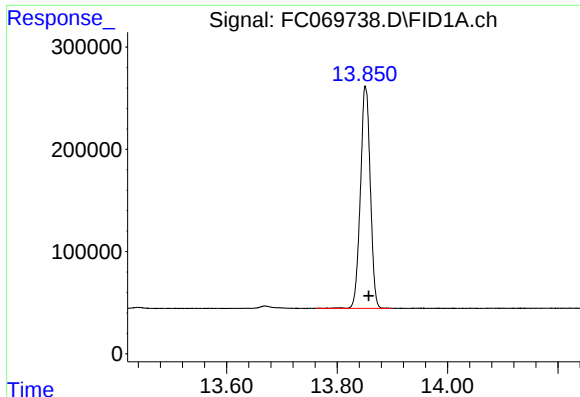
#11 n-Heneicosane (C21)

R.T.: 13.264 min
Delta R.T.: -0.005 min
Response: 2743748
Conc: 21.51 ug/ml



#12 1-chlorooctadecane (SURR)

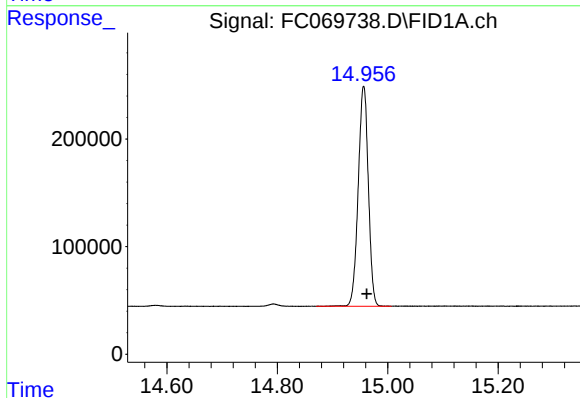
R.T.: 13.097 min
Delta R.T.: -0.006 min
Response: 2373183
Conc: 21.77 ug/ml



#13 n-Docosane (C22)

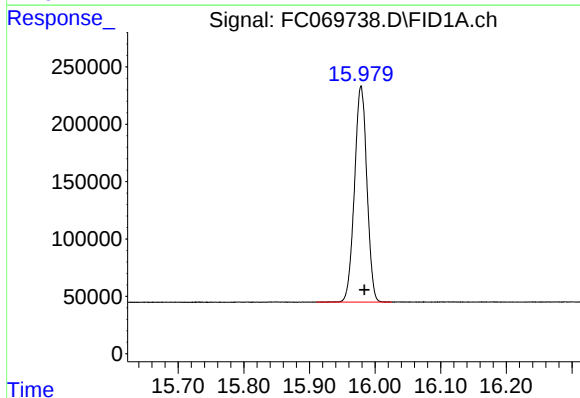
R.T.: 13.852 min
Delta R.T.: -0.005 min
Response: 2692423
Conc: 21.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



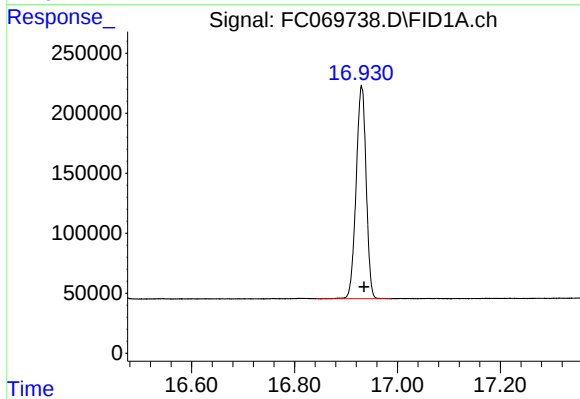
#14 n-Tetracosane (C24)

R.T.: 14.956 min
Delta R.T.: -0.006 min
Response: 2598513
Conc: 21.53 ug/ml



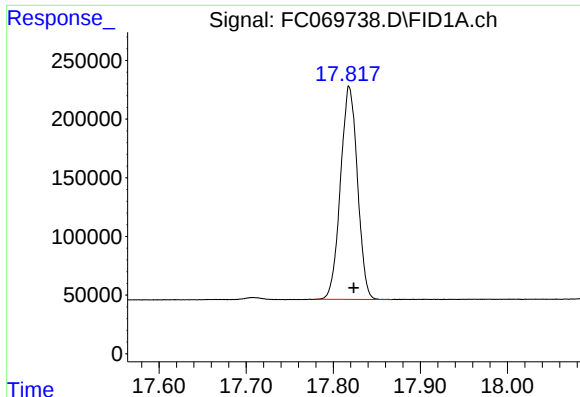
#15 n-Hexacosane (C26)

R.T.: 15.979 min
Delta R.T.: -0.005 min
Response: 2471397
Conc: 21.39 ug/ml



#16 n-Octacosane (C28)

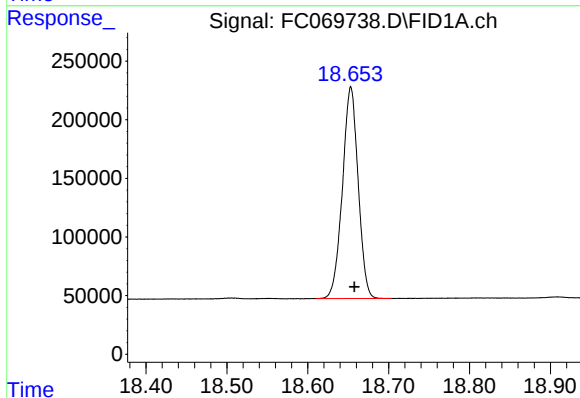
R.T.: 16.930 min
Delta R.T.: -0.005 min
Response: 2396452
Conc: 21.38 ug/ml



#17 n-Tricontane (C30)

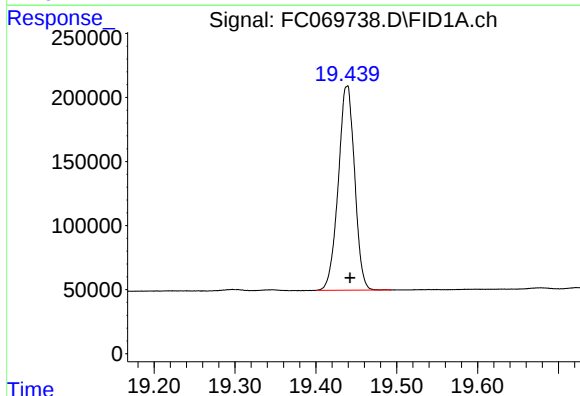
R.T.: 17.819 min
Delta R.T.: -0.005 min
Response: 2460509
Conc: 21.49 ug/ml

Instrument :
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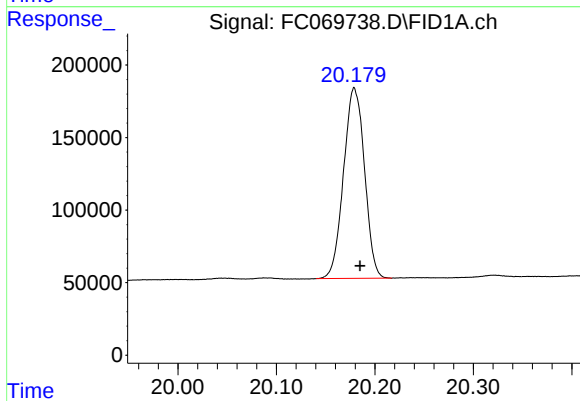
#18 n-Dotriacontane (C32)

R.T.: 18.653 min
Delta R.T.: -0.004 min
Response: 2437742
Conc: 21.95 ug/ml



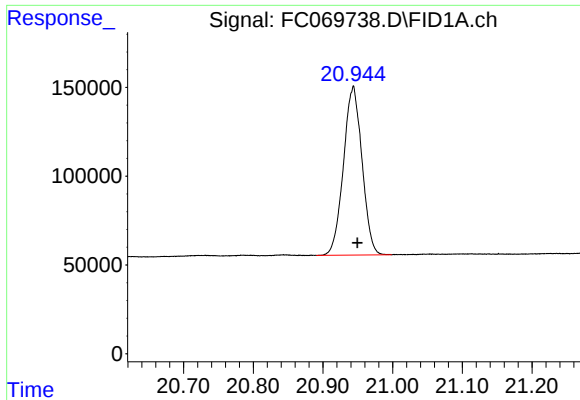
#19 n-Tetratriacontane (C34)

R.T.: 19.438 min
Delta R.T.: -0.004 min
Response: 2241661
Conc: 22.02 ug/ml



#20 n-Hexatriacontane (C36)

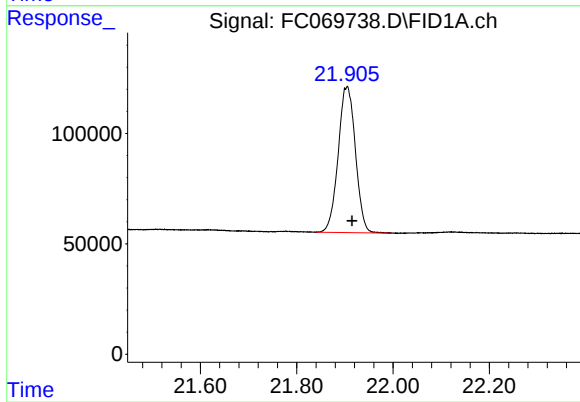
R.T.: 20.179 min
Delta R.T.: -0.006 min
Response: 1942051
Conc: 21.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.943 min
Delta R.T.: -0.006 min
Response: 1753859
Conc: 21.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.904 min
Delta R.T.: -0.011 min
Response: 1648861
Conc: 22.02 ug/ml