

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101625AL\
 Data File : FC069992.D
 Signal(s) : FID1A.ch
 Acq On : 16 Oct 2025 23:00
 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: autoint1.e
 Quant Time: Oct 17 08:06:33 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)	11.642	3522598	20.060 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
12) S 1-chlorooctadecane (S...	13.078	2581386	19.017 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
Target Compounds			
1) T n-Nonane (C9)	3.381	2801590	20.402 ug/ml
2) T n-Decane (C10)	4.453	2960697	20.594 ug/ml
3) T A~Naphthalene (C11.7)	6.046	3253961	20.134 ug/ml
4) T n-Dodecane (C12)	6.476	3123429	20.378 ug/ml
5) T A~2-methylnaphthalene...	7.105	3170277	19.870 ug/ml
6) T n-Tetradecane (C14)	8.273	3239992	20.372 ug/ml
7) T n-Hexadecane (C16)	9.877	3390751	20.121 ug/ml
8) T n-Octadecane (C18)	11.321	3407015	20.026 ug/ml
10) T n-Eicosane (C20)	12.631	3178998	19.815 ug/ml
11) T n-Heneicosane (C21)	13.244	3067795	19.757 ug/ml
13) T n-Docosane (C22)	13.831	3013285	19.580 ug/ml
14) T n-Tetracosane (C24)	14.934	2896130	19.100 ug/ml
15) T n-Hexacosane (C26)	15.957	2742644	18.949 ug/ml
16) T n-Octacosane (C28)	16.908	2632417	19.034 ug/ml
17) T n-Tricontane (C30)	17.797	2658819	19.474 ug/ml
18) T n-Dotriacontane (C32)	18.629	2563425	19.882 ug/ml
19) T n-Tetratriacontane (C34)	19.414	2280834	19.990 ug/ml
20) T n-Hexatriacontane (C36)	20.154	1895832	19.603 ug/ml
21) T n-Octatriacontane (C38)	20.912	1605033	18.415 ug/ml
22) T n-Tetracontane (C40)	21.863	1331673	16.208 ug/ml

(f)=RT Delta > 1/2 Window

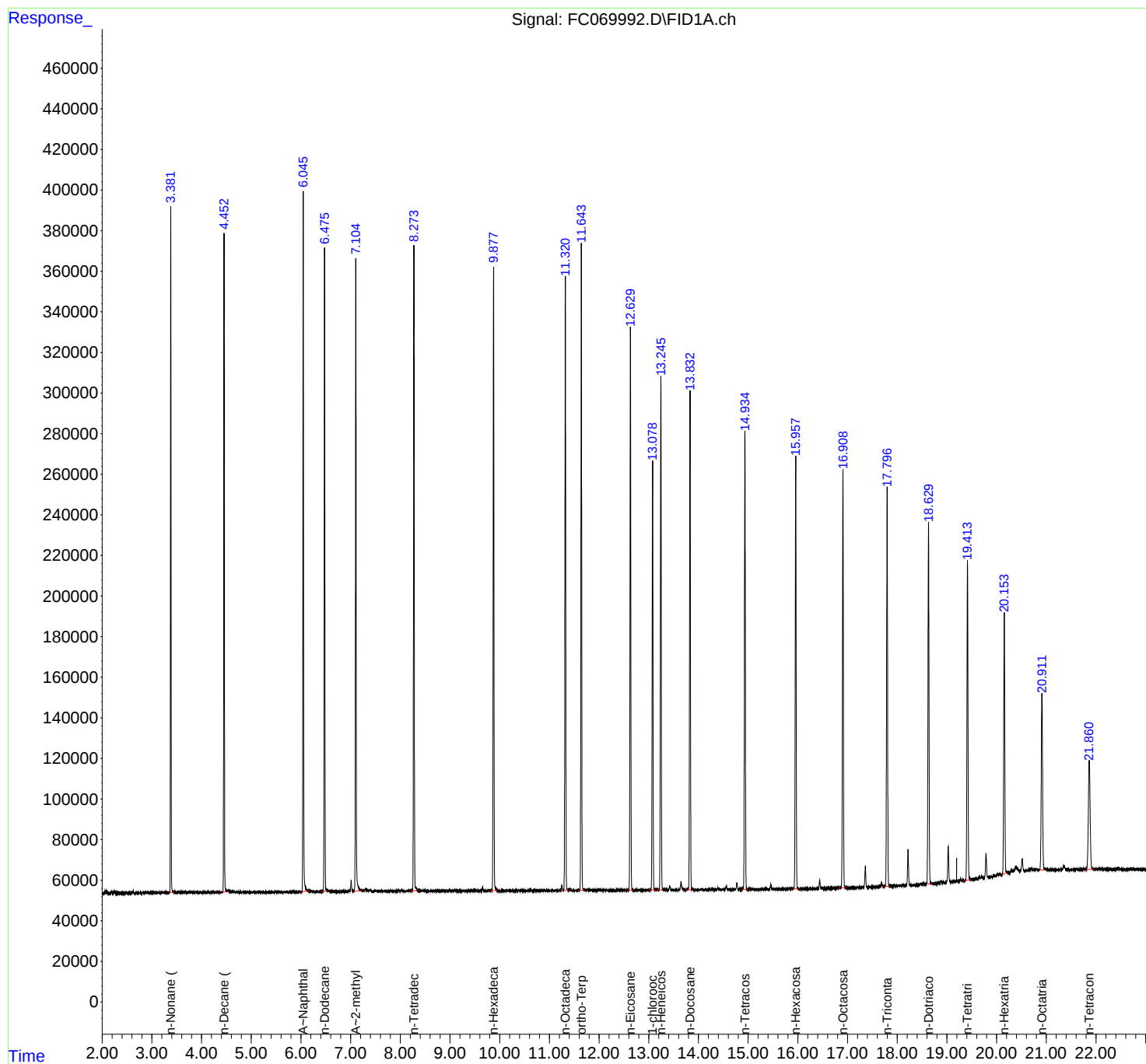
(m)=manual int.

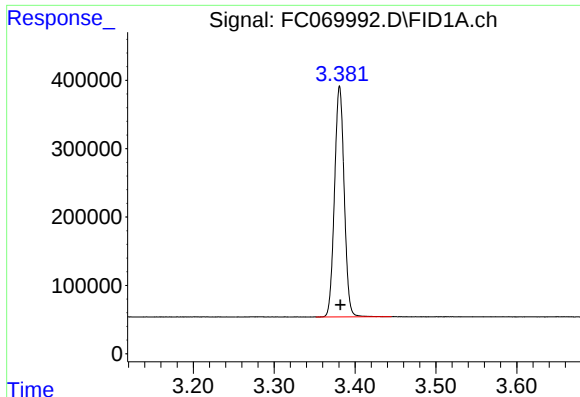
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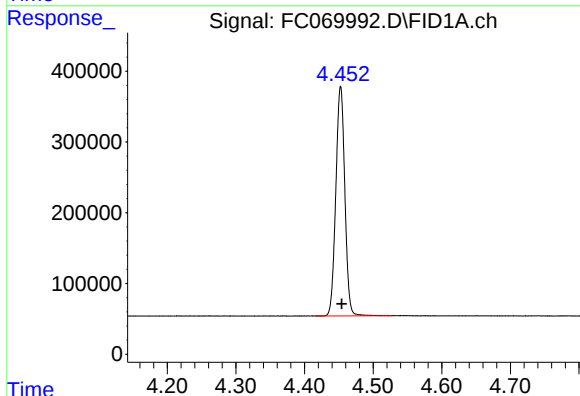




#1 n-Nonane (C9)

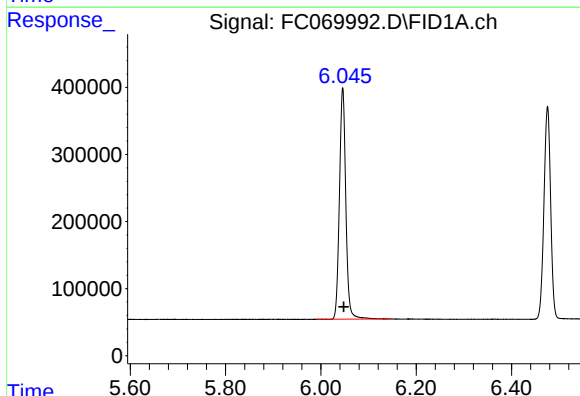
R.T.: 3.381 min
Delta R.T.: -0.001 min
Response: 2801590
Conc: 20.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



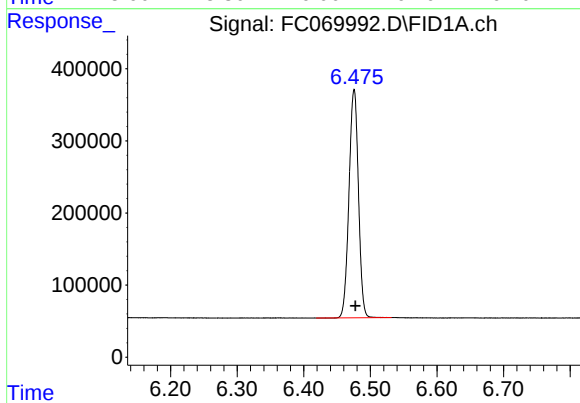
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.002 min
Response: 2960697
Conc: 20.59 ug/ml



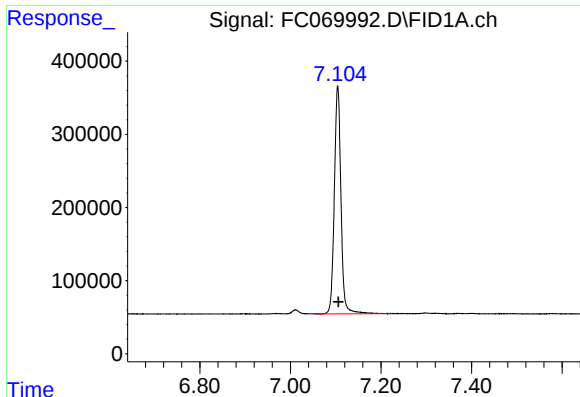
#3 A~Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: -0.002 min
Response: 3253961
Conc: 20.13 ug/ml



#4 n-Dodecane (C12)

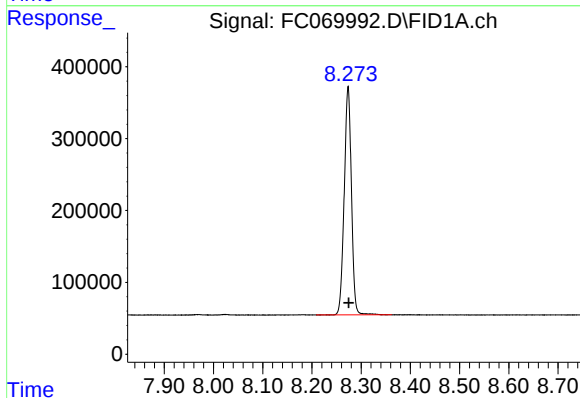
R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 3123429
Conc: 20.38 ug/ml



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

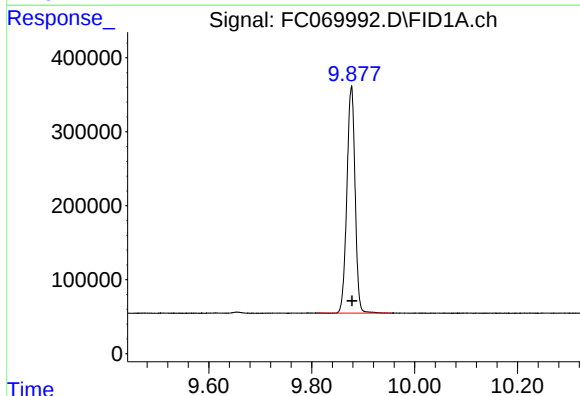
R.T.: 7.105 min
Delta R.T.: -0.002 min
Response: 3170277
Conc: 19.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



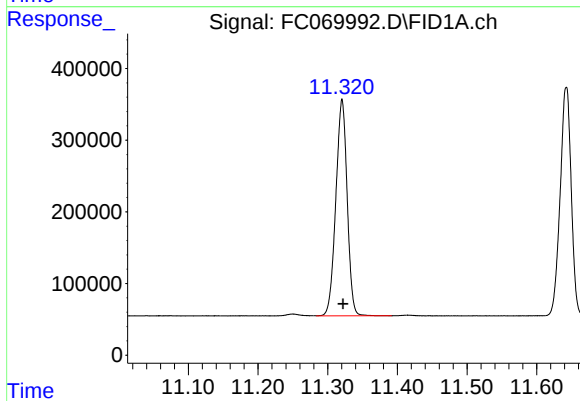
#6 n-Tetradecane (C14)

R.T.: 8.273 min
Delta R.T.: -0.001 min
Response: 3239992
Conc: 20.37 ug/ml



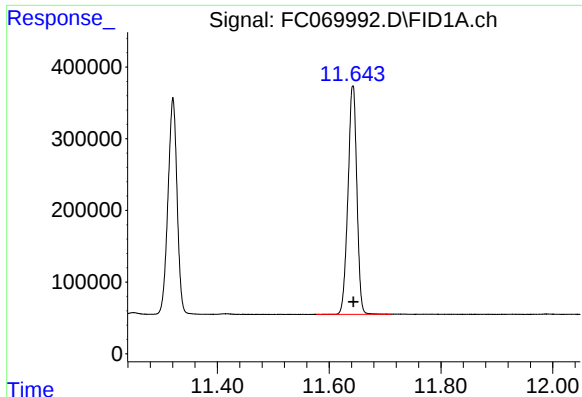
#7 n-Hexadecane (C16)

R.T.: 9.877 min
Delta R.T.: -0.002 min
Response: 3390751
Conc: 20.12 ug/ml



#8 n-Octadecane (C18)

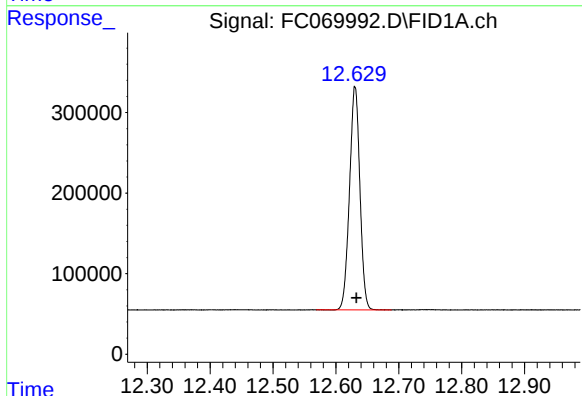
R.T.: 11.321 min
Delta R.T.: -0.001 min
Response: 3407015
Conc: 20.03 ug/ml



#9 ortho-Terphenyl (SURR)

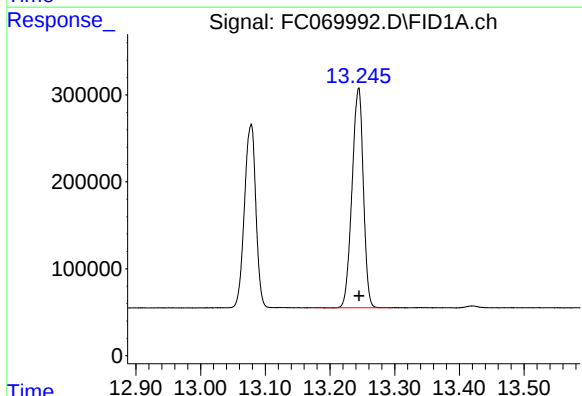
R.T.: 11.642 min
Delta R.T.: -0.001 min
Response: 3522598
Conc: 20.06 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



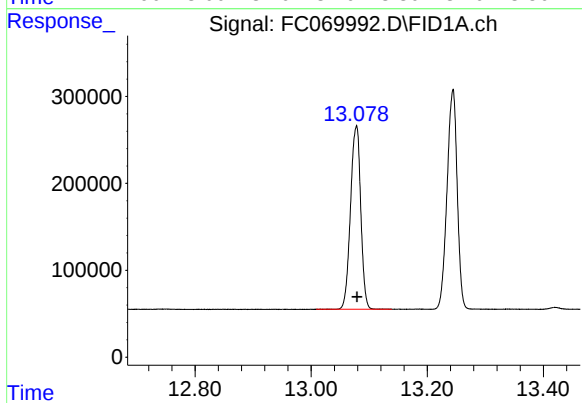
#10 n-Eicosane (C20)

R.T.: 12.631 min
Delta R.T.: -0.002 min
Response: 3178998
Conc: 19.82 ug/ml



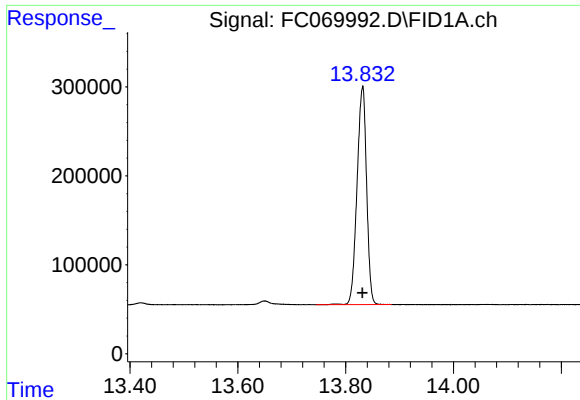
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.001 min
Response: 3067795
Conc: 19.76 ug/ml



#12 1-chlorooctadecane (SURR)

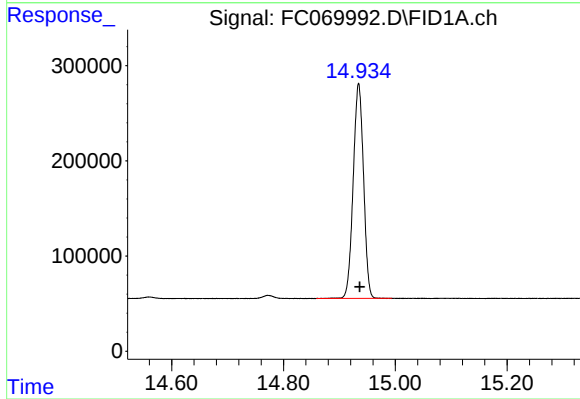
R.T.: 13.078 min
Delta R.T.: -0.002 min
Response: 2581386
Conc: 19.02 ug/ml



#13 n-Docosane (C22)

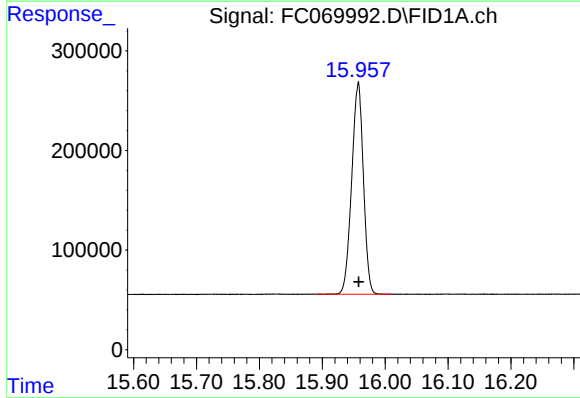
R.T.: 13.831 min
Delta R.T.: 0.000 min
Response: 3013285
Conc: 19.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



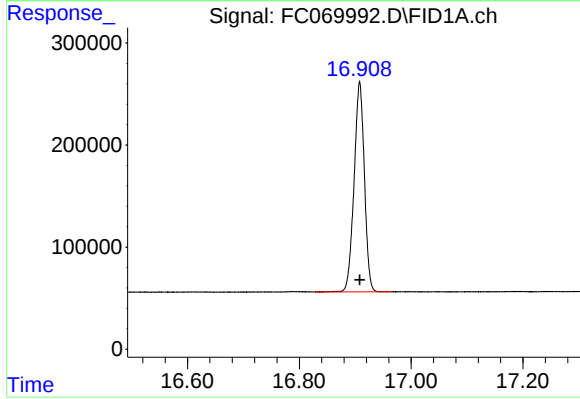
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.002 min
Response: 2896130
Conc: 19.10 ug/ml



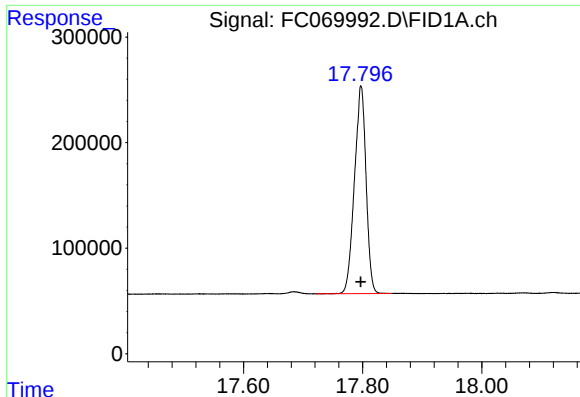
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: 0.000 min
Response: 2742644
Conc: 18.95 ug/ml



#16 n-Octacosane (C28)

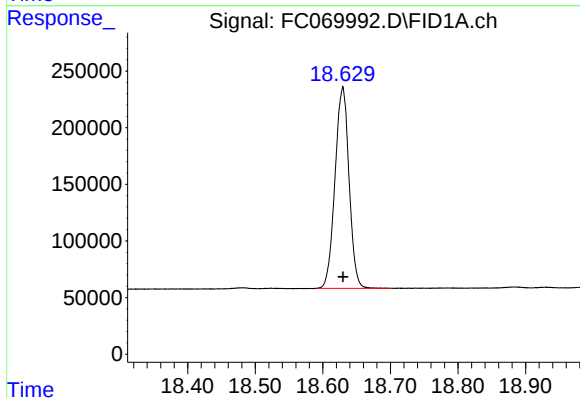
R.T.: 16.908 min
Delta R.T.: 0.000 min
Response: 2632417
Conc: 19.03 ug/ml



#17 n-Tricontane (C30)

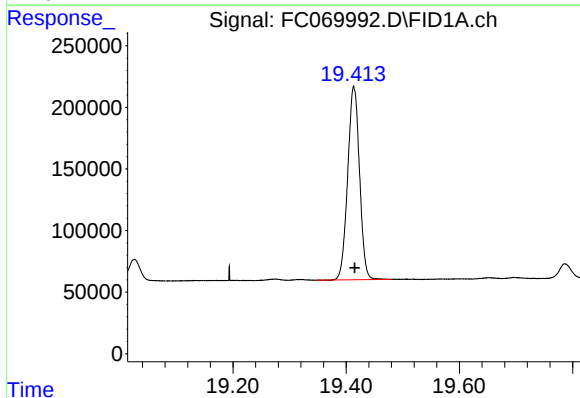
R.T.: 17.797 min
Delta R.T.: 0.000 min
Response: 2658819
Conc: 19.47 ug/ml

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20 PPM ALIPHATIC HC STD



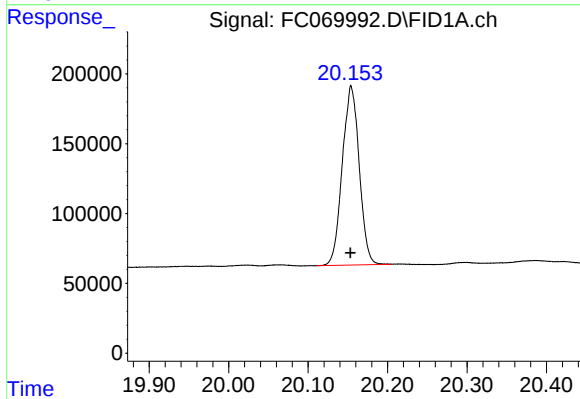
#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: 0.000 min
Response: 2563425
Conc: 19.88 ug/ml



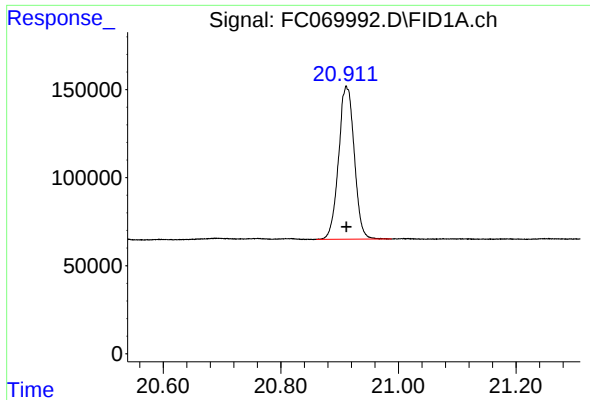
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: -0.002 min
Response: 2280834
Conc: 19.99 ug/ml



#20 n-Hexatriacontane (C36)

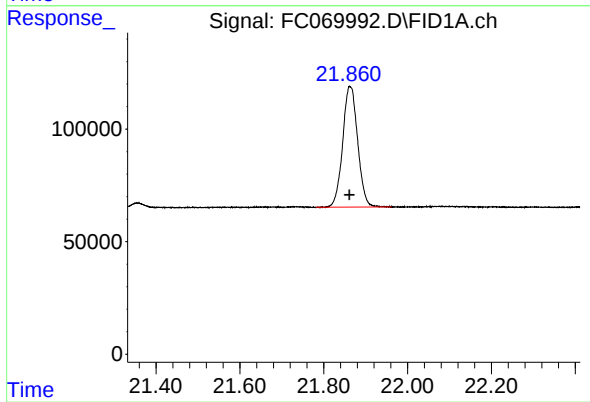
R.T.: 20.154 min
Delta R.T.: 0.001 min
Response: 1895832
Conc: 19.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.912 min
Delta R.T.: 0.000 min
Response: 1605033
Conc: 18.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.863 min
Delta R.T.: 0.001 min
Response: 1331673
Conc: 16.21 ug/ml