

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069761.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 13:46
 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 27 14:24:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:11:00 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)	11.660	2577952	19.908 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
12) S 1-chlorooctadecane (S...	13.096	1902799	19.886 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T n-Nonane (C9)	3.397	2525179	20.143 ug/ml
2) T n-Decane (C10)	4.468	2570690	20.175 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2701120	20.079 ug/ml
4) T n-Dodecane (C12)	6.492	2582464	20.154 ug/ml
5) T A~2-methylnaphthalene...	7.120	2566854	20.042 ug/ml
6) T n-Tetradecane (C14)	8.291	2556840	20.048 ug/ml
7) T n-Hexadecane (C16)	9.894	2586318	20.027 ug/ml
8) T n-Octadecane (C18)	11.339	2505792	19.985 ug/ml
10) T n-Eicosane (C20)	12.650	2314736	19.942 ug/ml
11) T n-Heneicosane (C21)	13.262	2225952	19.907 ug/ml
13) T n-Docosane (C22)	13.850	2166062	19.849 ug/ml
14) T n-Tetracosane (C24)	14.955	2084263	19.874 ug/ml
15) T n-Hexacosane (C26)	15.978	1984558	19.803 ug/ml
16) T n-Octacosane (C28)	16.929	1908349	19.820 ug/ml
17) T n-Tricontane (C30)	17.818	1907836	19.838 ug/ml
18) T n-Dotriacontane (C32)	18.652	1850017	19.860 ug/ml
19) T n-Tetratriacontane (C34)	19.438	1713817	19.860 ug/ml
20) T n-Hexatriacontane (C36)	20.178	1509513	19.787 ug/ml
21) T n-Octatriacontane (C38)	20.942	1375757	19.563 ug/ml
22) T n-Tetracontane (C40)	21.901	1257504	18.930 ug/ml

(f)=RT Delta > 1/2 Window

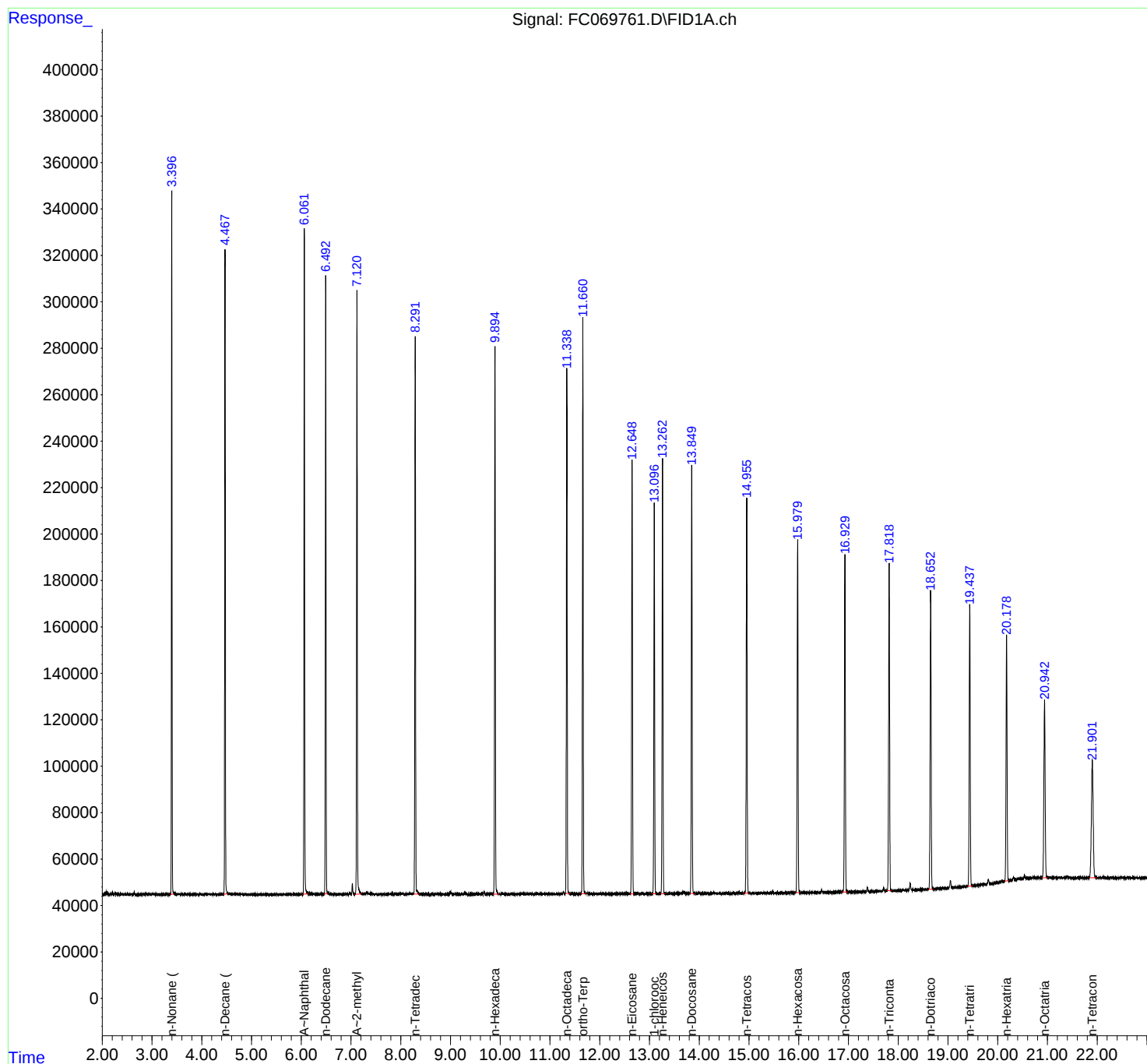
(m)=manual int.

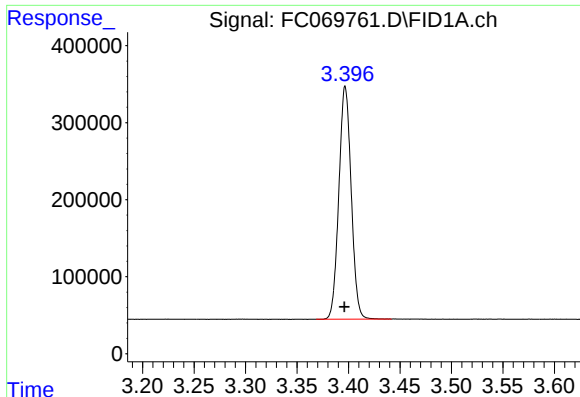
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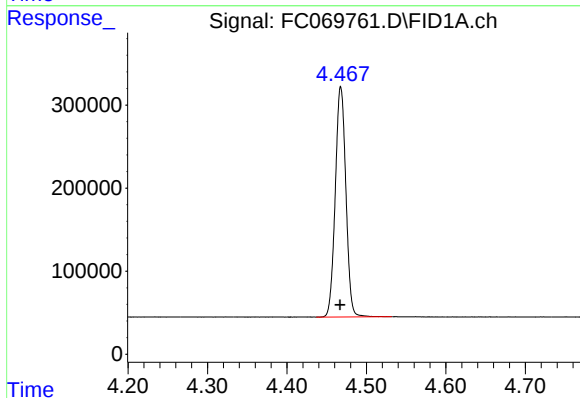




#1 n-Nonane (C9)

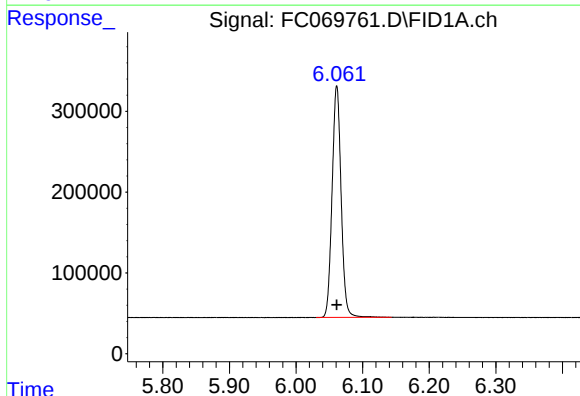
R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 2525179
Conc: 20.14 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



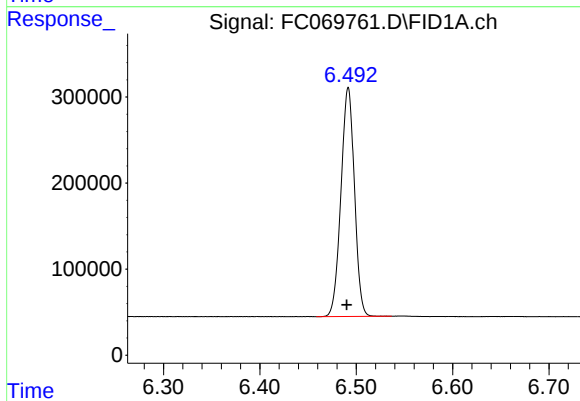
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 2570690
Conc: 20.17 ug/ml



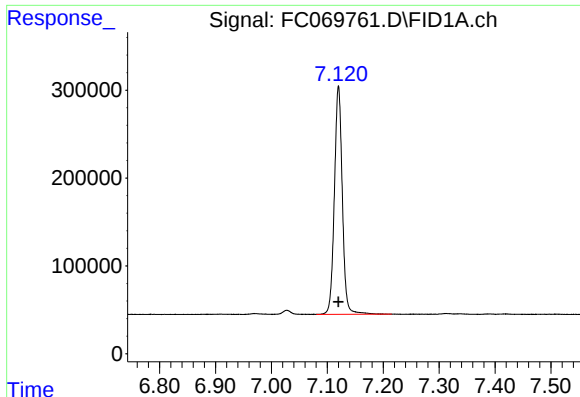
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 2701120
Conc: 20.08 ug/ml



#4 n-Dodecane (C12)

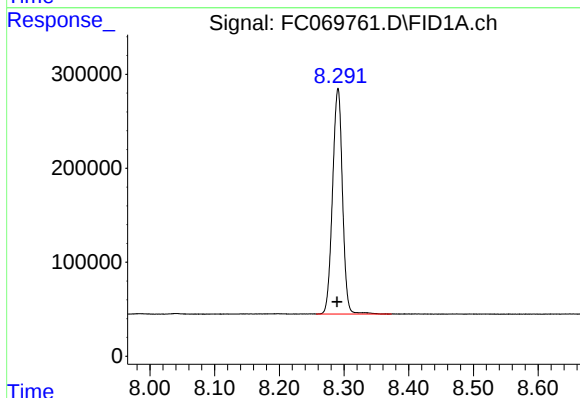
R.T.: 6.492 min
Delta R.T.: 0.002 min
Response: 2582464
Conc: 20.15 ug/ml



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

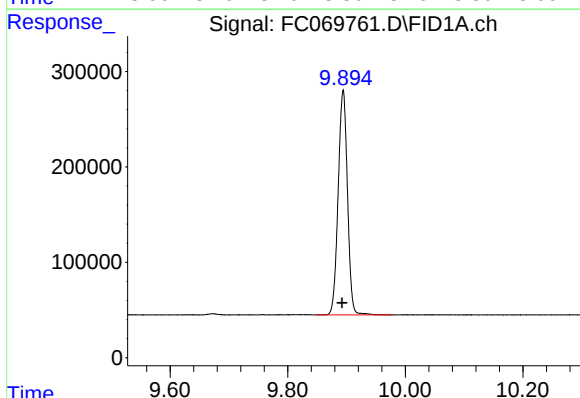
R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 2566854
Conc: 20.04 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



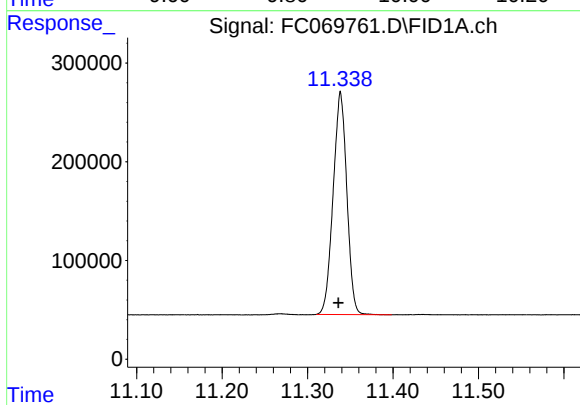
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: 0.002 min
Response: 2556840
Conc: 20.05 ug/ml



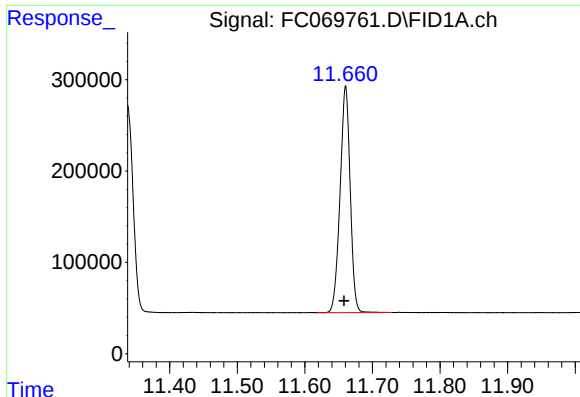
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.002 min
Response: 2586318
Conc: 20.03 ug/ml



#8 n-Octadecane (C18)

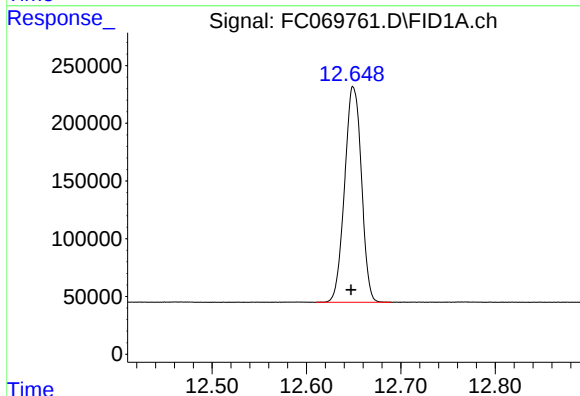
R.T.: 11.339 min
Delta R.T.: 0.002 min
Response: 2505792
Conc: 19.99 ug/ml



#9 ortho-Terphenyl (SURR)

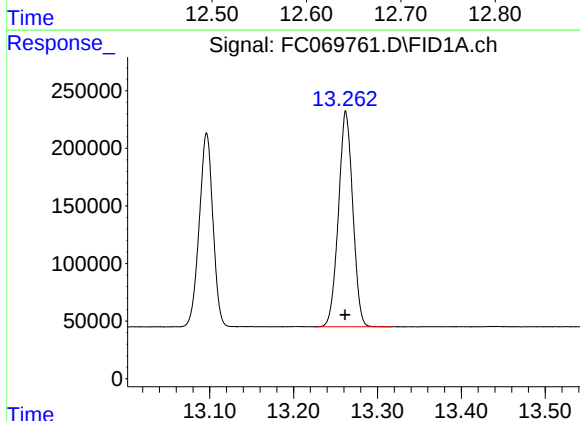
R.T.: 11.660 min
Delta R.T.: 0.002 min
Response: 2577952
Conc: 19.91 ug/ml

Instrument :
FID_C
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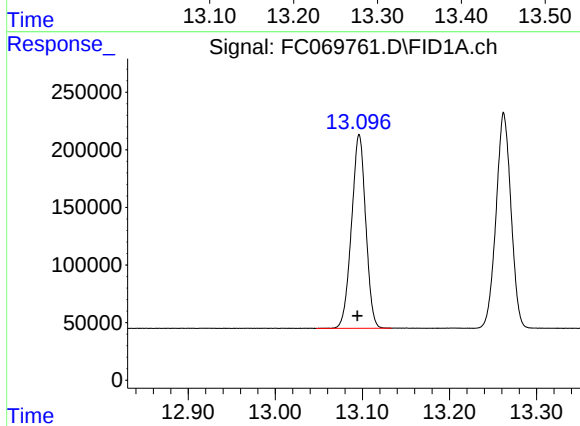
#10 n-Eicosane (C20)

R.T.: 12.650 min
Delta R.T.: 0.003 min
Response: 2314736
Conc: 19.94 ug/ml



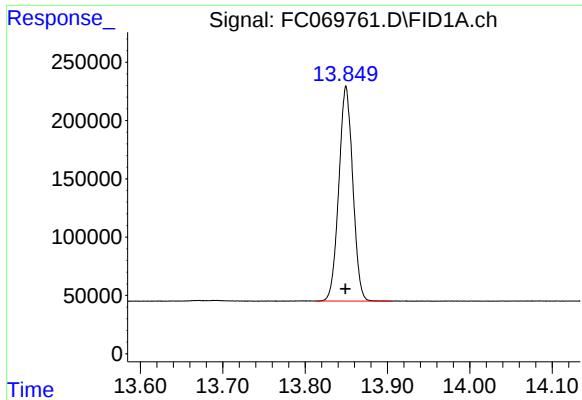
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: 0.001 min
Response: 2225952
Conc: 19.91 ug/ml



#12 1-chlorooctadecane (SURR)

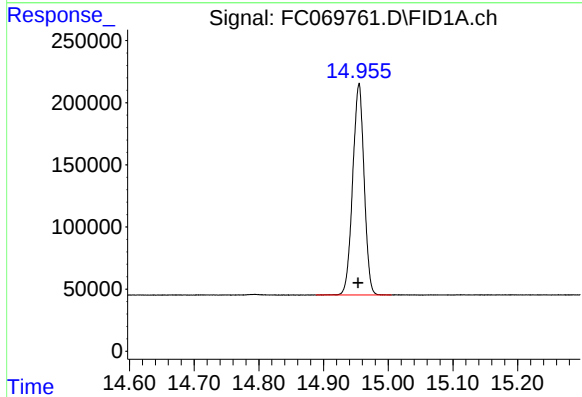
R.T.: 13.096 min
Delta R.T.: 0.002 min
Response: 1902799
Conc: 19.89 ug/ml



#13 n-Docosane (C22)

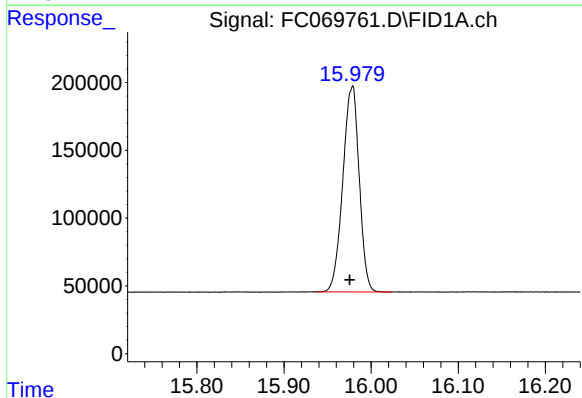
R.T.: 13.850 min
Delta R.T.: 0.000 min
Response: 2166062
Conc: 19.85 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



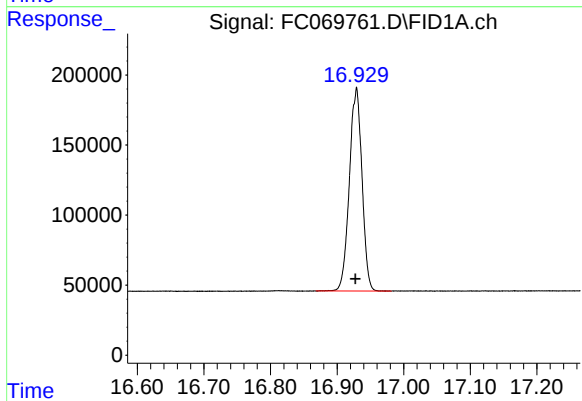
#14 n-Tetracosane (C24)

R.T.: 14.955 min
Delta R.T.: 0.001 min
Response: 2084263
Conc: 19.87 ug/ml



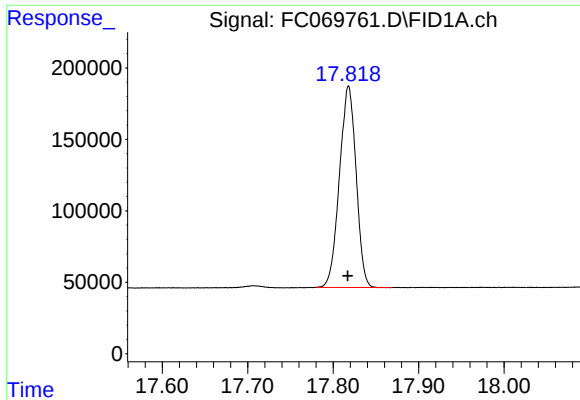
#15 n-Hexacosane (C26)

R.T.: 15.978 min
Delta R.T.: 0.002 min
Response: 1984558
Conc: 19.80 ug/ml



#16 n-Octacosane (C28)

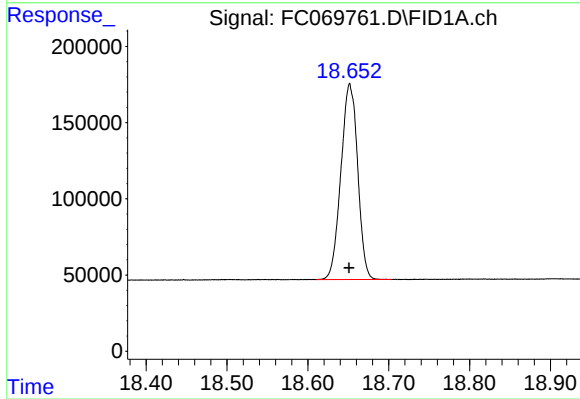
R.T.: 16.929 min
Delta R.T.: 0.001 min
Response: 1908349
Conc: 19.82 ug/ml



#17 n-Tricontane (C30)

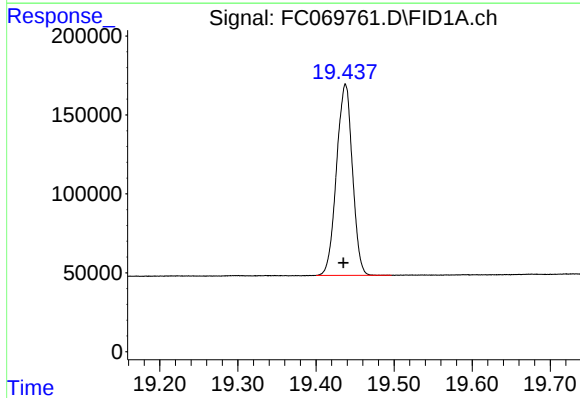
R.T.: 17.818 min
Delta R.T.: 0.001 min
Response: 1907836
Conc: 19.84 ug/ml

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20 PPM ALIPHATIC HC STD



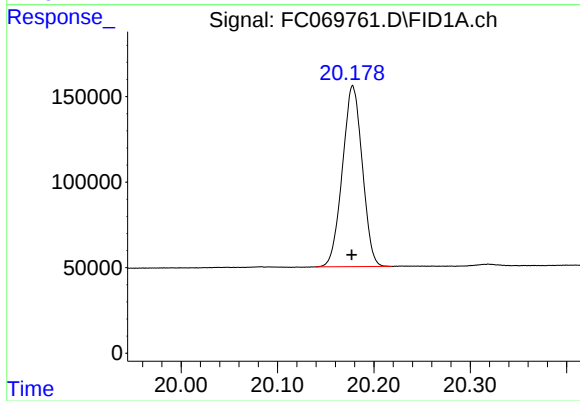
#18 n-Dotriacontane (C32)

R.T.: 18.652 min
Delta R.T.: 0.001 min
Response: 1850017
Conc: 19.86 ug/ml



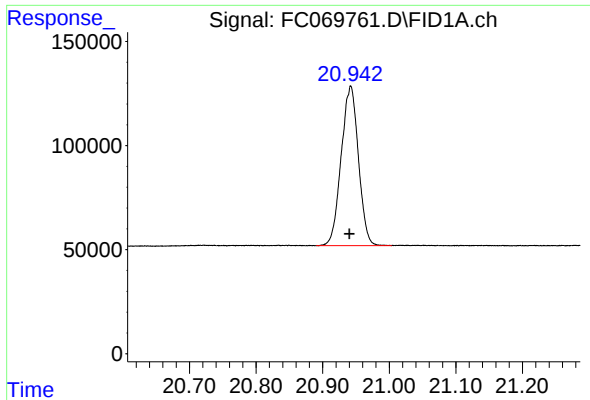
#19 n-Tetratriacontane (C34)

R.T.: 19.438 min
Delta R.T.: 0.002 min
Response: 1713817
Conc: 19.86 ug/ml



#20 n-Hexatriacontane (C36)

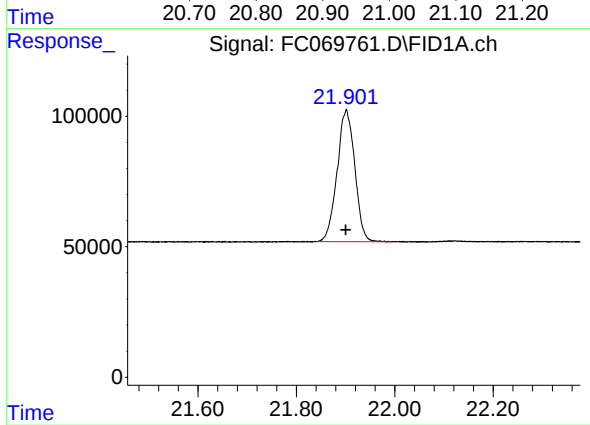
R.T.: 20.178 min
Delta R.T.: 0.001 min
Response: 1509513
Conc: 19.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.942 min
Delta R.T.: 0.002 min
Response: 1375757
Conc: 19.56 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.901 min
Delta R.T.: 0.000 min
Response: 1257504
Conc: 18.93 ug/ml