

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
 Data File : FC069653.D
 Signal(s) : FID1A.ch
 Acq On : 13 Aug 2025 04:46
 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 13 05:07:38 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	2828764	18.961 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
12) S 1-chlorooctadecane (S...	13.098	2130272	19.540 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
Target Compounds			
1) T n-Nonane (C9)	3.395	2663195	18.693 ug/ml
2) T n-Decane (C10)	4.467	2752161	18.931 ug/ml
3) T A~Naphthalene (C11.7)	6.062	2958913	19.070 ug/ml
4) T n-Dodecane (C12)	6.492	2773642	18.974 ug/ml
5) T A~2-methylnaphthalene...	7.121	2825275	19.184 ug/ml
6) T n-Tetradecane (C14)	8.291	2730845	19.136 ug/ml
7) T n-Hexadecane (C16)	9.895	2763110	19.167 ug/ml
8) T n-Octadecane (C18)	11.340	2703623	19.119 ug/ml
10) T n-Eicosane (C20)	12.652	2515555	19.097 ug/ml
11) T n-Heneicosane (C21)	13.265	2428103	19.038 ug/ml
13) T n-Docosane (C22)	13.852	2390215	19.134 ug/ml
14) T n-Tetracosane (C24)	14.957	2311348	19.154 ug/ml
15) T n-Hexacosane (C26)	15.979	2209561	19.122 ug/ml
16) T n-Octacosane (C28)	16.930	2153390	19.211 ug/ml
17) T n-Tricontane (C30)	17.819	2226654	19.447 ug/ml
18) T n-Dotriacontane (C32)	18.654	2229906	20.074 ug/ml
19) T n-Tetratriacontane (C34)	19.438	2047729	20.111 ug/ml
20) T n-Hexatriacontane (C36)	20.180	1744153	19.561 ug/ml
21) T n-Octatriacontane (C38)	20.944	1597155	19.855 ug/ml
22) T n-Tetracontane (C40)	21.905	1506110	20.113 ug/ml

(f)=RT Delta > 1/2 Window

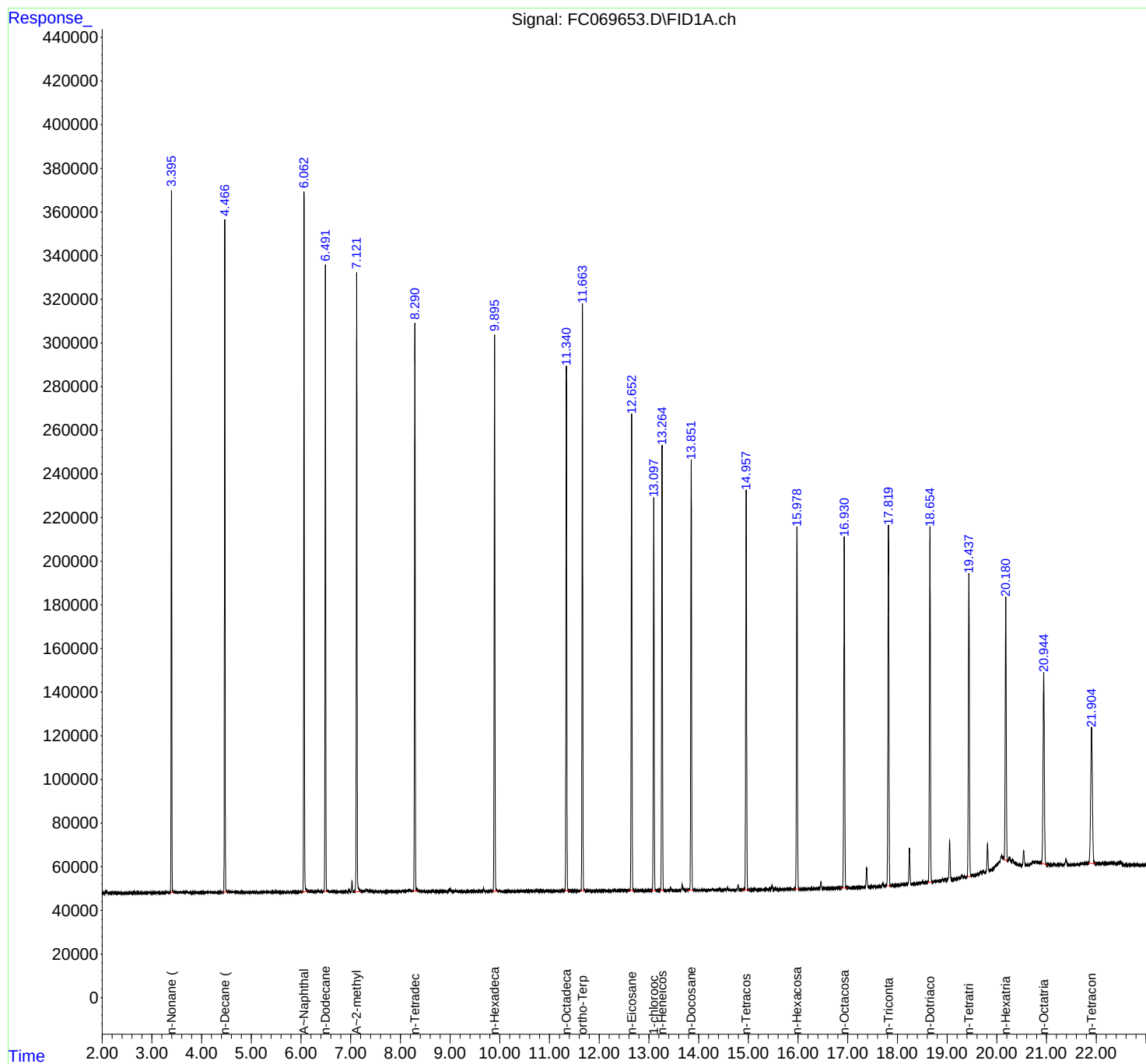
(m)=manual int.

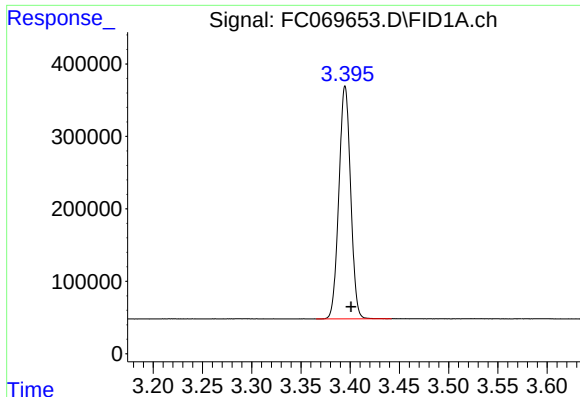
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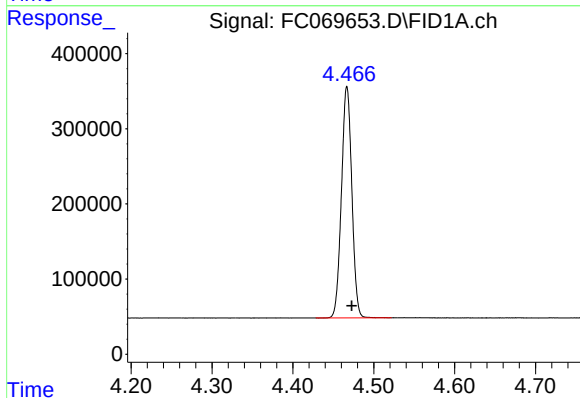




#1 n-Nonane (C9)

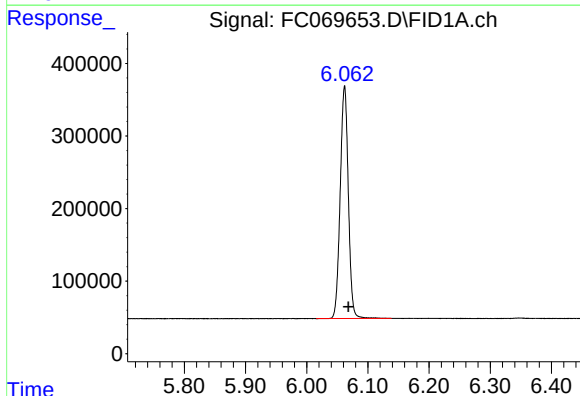
R.T.: 3.395 min
Delta R.T.: -0.006 min
Response: 2663195
Conc: 18.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



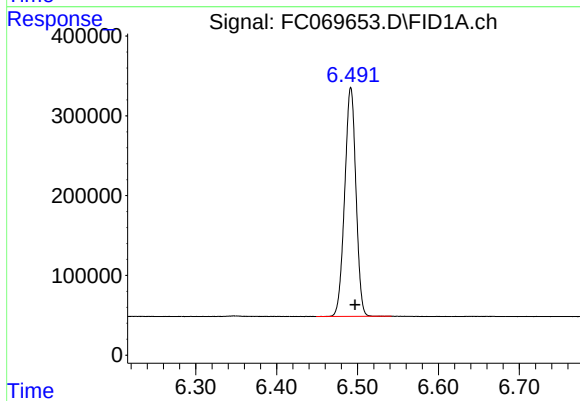
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.006 min
Response: 2752161
Conc: 18.93 ug/ml



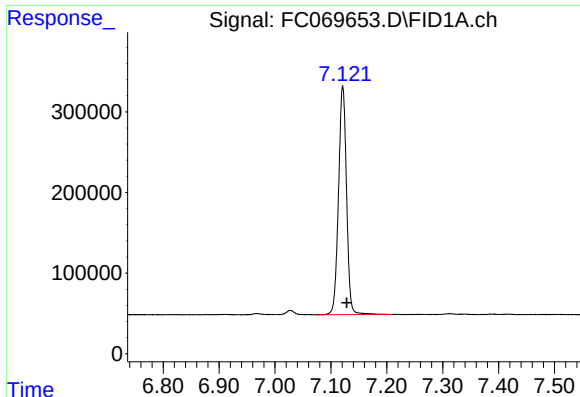
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: -0.006 min
Response: 2958913
Conc: 19.07 ug/ml



#4 n-Dodecane (C12)

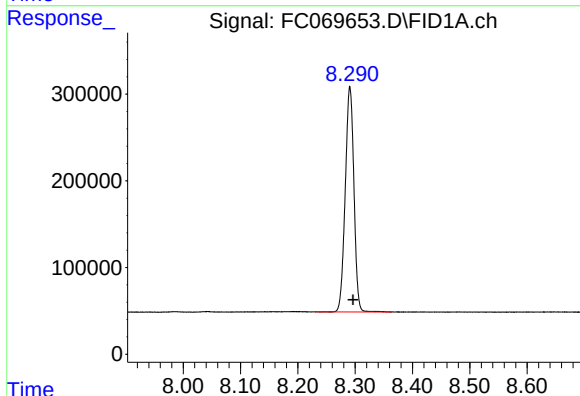
R.T.: 6.492 min
Delta R.T.: -0.006 min
Response: 2773642
Conc: 18.97 ug/ml



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

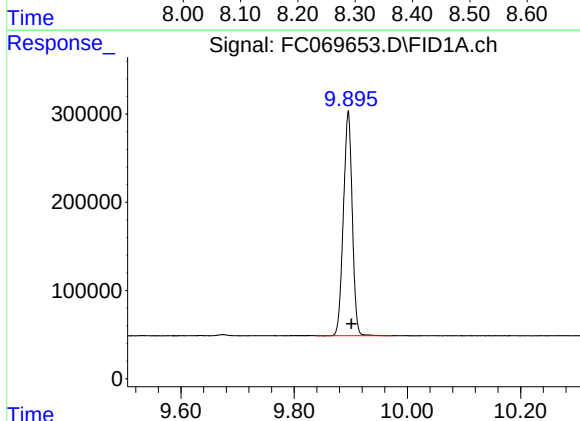
R.T.: 7.121 min
Delta R.T.: -0.007 min
Response: 2825275
Conc: 19.18 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



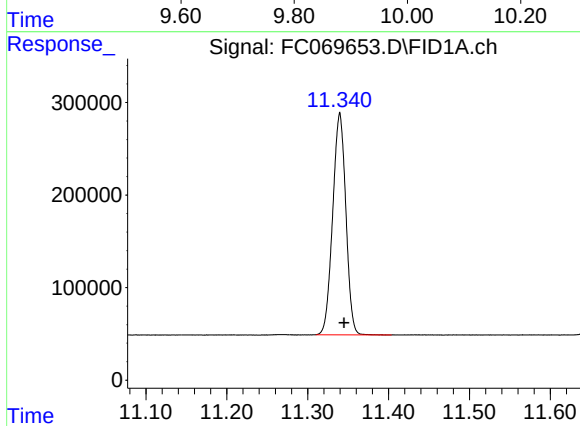
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: -0.006 min
Response: 2730845
Conc: 19.14 ug/ml



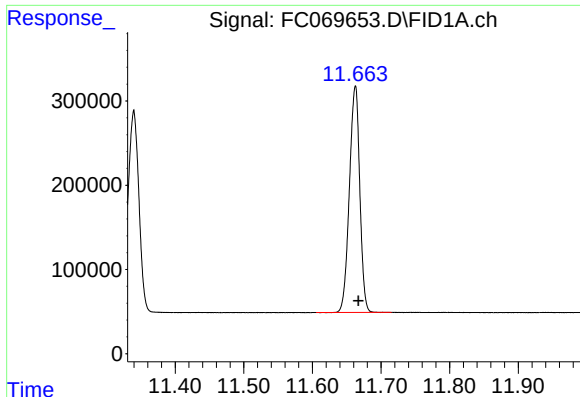
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: -0.005 min
Response: 2763110
Conc: 19.17 ug/ml



#8 n-Octadecane (C18)

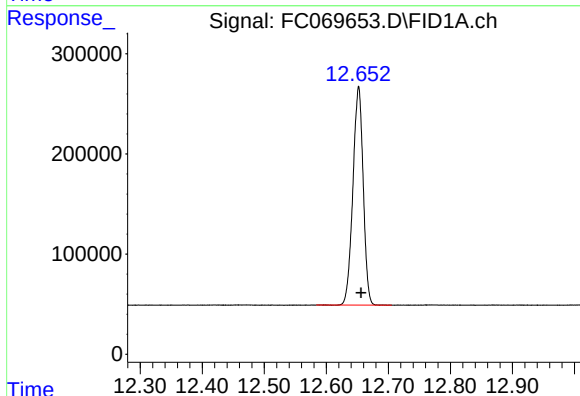
R.T.: 11.340 min
Delta R.T.: -0.005 min
Response: 2703623
Conc: 19.12 ug/ml



#9 ortho-Terphenyl (SURR)

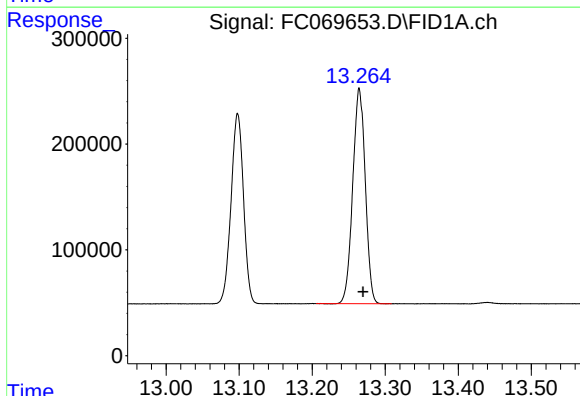
R.T.: 11.662 min
Delta R.T.: -0.005 min
Response: 2828764
Conc: 18.96 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



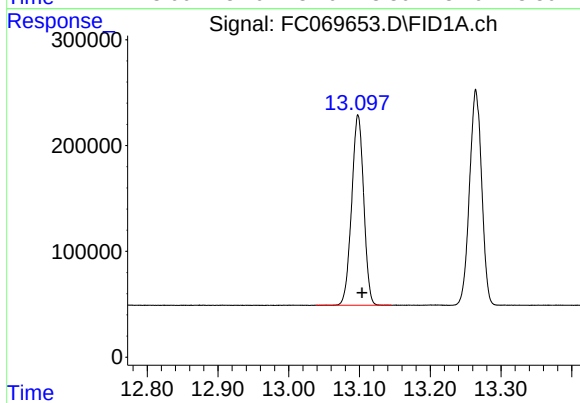
#10 n-Eicosane (C20)

R.T.: 12.652 min
Delta R.T.: -0.004 min
Response: 2515555
Conc: 19.10 ug/ml



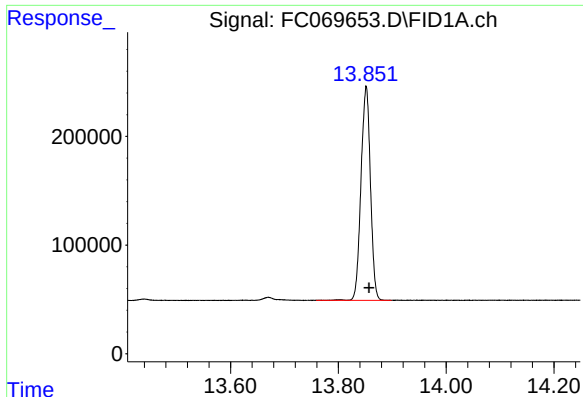
#11 n-Heneicosane (C21)

R.T.: 13.265 min
Delta R.T.: -0.005 min
Response: 2428103
Conc: 19.04 ug/ml



#12 1-chlorooctadecane (SURR)

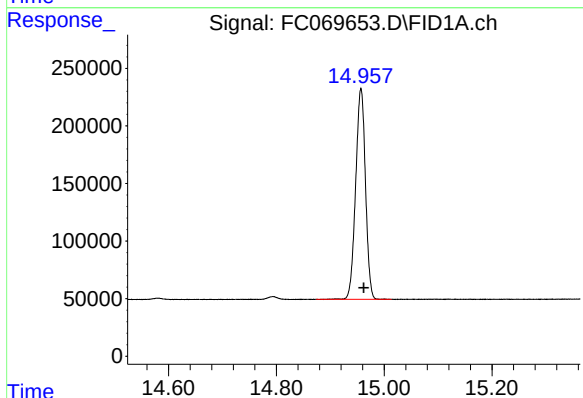
R.T.: 13.098 min
Delta R.T.: -0.006 min
Response: 2130272
Conc: 19.54 ug/ml



#13 n-Docosane (C22)

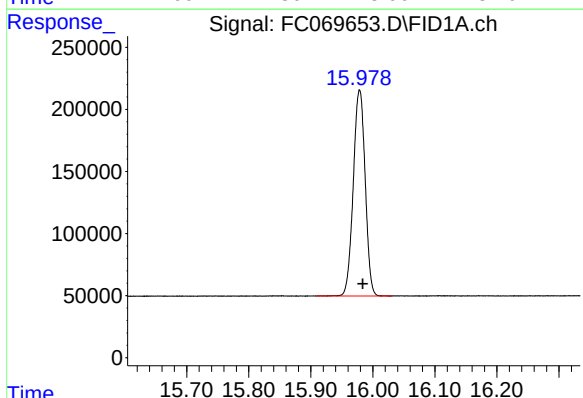
R.T.: 13.852 min
Delta R.T.: -0.006 min
Response: 2390215
Conc: 19.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



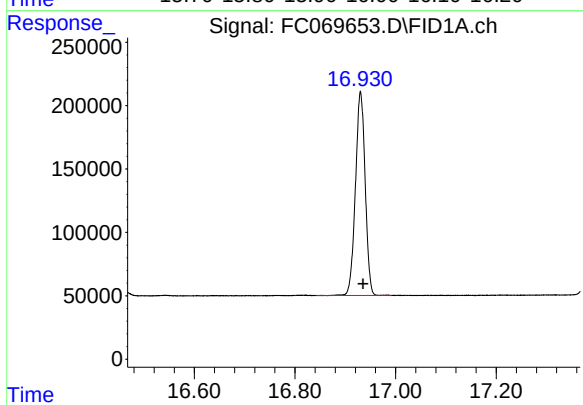
#14 n-Tetracosane (C24)

R.T.: 14.957 min
Delta R.T.: -0.005 min
Response: 2311348
Conc: 19.15 ug/ml



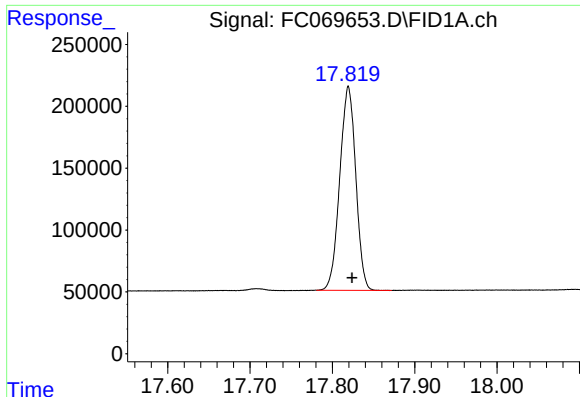
#15 n-Hexacosane (C26)

R.T.: 15.979 min
Delta R.T.: -0.005 min
Response: 2209561
Conc: 19.12 ug/ml



#16 n-Octacosane (C28)

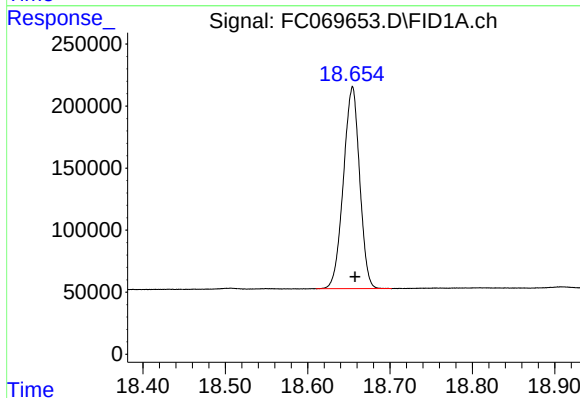
R.T.: 16.930 min
Delta R.T.: -0.005 min
Response: 2153390
Conc: 19.21 ug/ml



#17 n-Tricontane (C30)

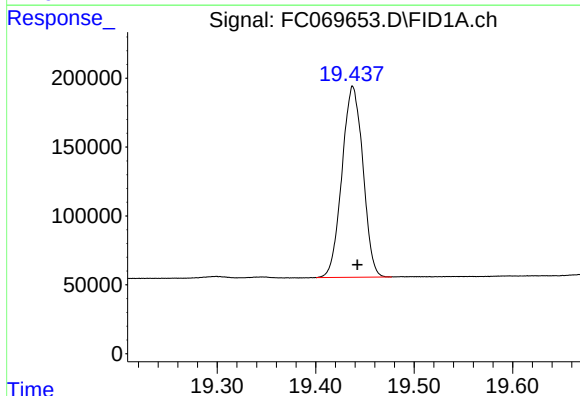
R.T.: 17.819 min
Delta R.T.: -0.004 min
Response: 2226654
Conc: 19.45 ug/ml

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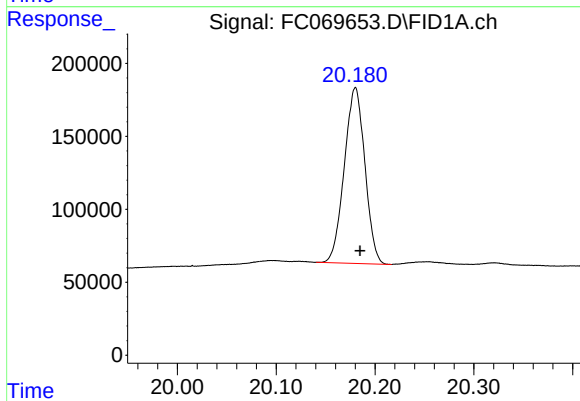
#18 n-Dotriacontane (C32)

R.T.: 18.654 min
Delta R.T.: -0.004 min
Response: 2229906
Conc: 20.07 ug/ml



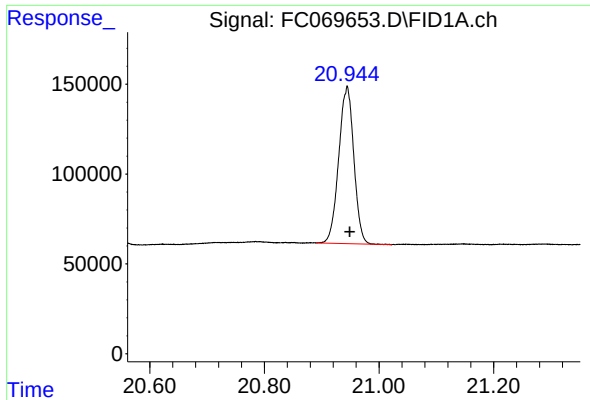
#19 n-Tetratriacontane (C34)

R.T.: 19.438 min
Delta R.T.: -0.005 min
Response: 2047729
Conc: 20.11 ug/ml



#20 n-Hexatriacontane (C36)

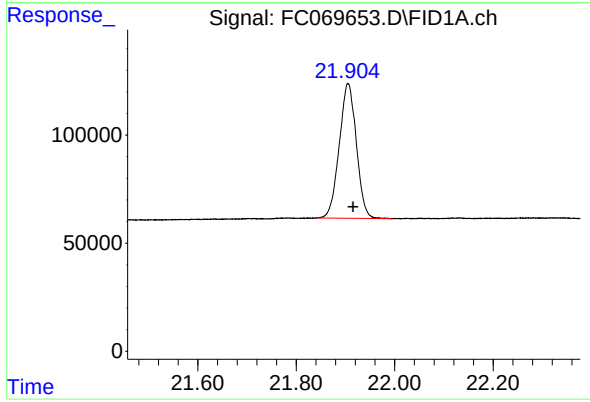
R.T.: 20.180 min
Delta R.T.: -0.005 min
Response: 1744153
Conc: 19.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.944 min
Delta R.T.: -0.005 min
Response: 1597155
Conc: 19.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.905 min
Delta R.T.: -0.010 min
Response: 1506110
Conc: 20.11 ug/ml