

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110724AL\
 Data File : FC067656.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2024 12:46
 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: Nov 07 13:50:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 2024
 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)	11.492	2947302	20.086 ug/ml
Spiked Amount 50.000		Recovery =	40.17%
12) S 1-chlorooctadecane (S...	12.930	2201244	20.384 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
Target Compounds			
1) T n-Nonane (C9)	3.271	2732244	20.281 ug/ml
2) T n-Decane (C10)	4.335	2772815	20.352 ug/ml
3) T A~Naphthalene (C11.7)	5.913	3027132	20.428 ug/ml
4) T n-Dodecane (C12)	6.350	2767521	20.433 ug/ml
5) T A~2-methylnaphthalene...	6.967	2891797	20.477 ug/ml
6) T n-Tetradecane (C14)	8.142	2689290	20.488 ug/ml
7) T n-Hexadecane (C16)	9.740	2712097	20.530 ug/ml
8) T n-Octadecane (C18)	11.180	2701589	20.449 ug/ml
10) T n-Eicosane (C20)	12.488	2566059	20.337 ug/ml
11) T n-Heneicosane (C21)	13.099	2513143	20.363 ug/ml
13) T n-Docosane (C22)	13.684	2488341	20.321 ug/ml
14) T n-Tetracosane (C24)	14.784	2460994	20.304 ug/ml
15) T n-Hexacosane (C26)	15.805	2418230	20.312 ug/ml
16) T n-Octacosane (C28)	16.752	2389801	20.313 ug/ml
17) T n-Tricontane (C30)	17.639	2443003	20.212 ug/ml
18) T n-Dotriacontane (C32)	18.469	2381475	20.127 ug/ml
19) T n-Tetratriacontane (C34)	19.251	2134102	20.378 ug/ml
20) T n-Hexatriacontane (C36)	19.990	1866187	20.501 ug/ml
21) T n-Octatriacontane (C38)	20.713	1808747	20.886 ug/ml
22) T n-Tetracontane (C40)	21.596	1737689	20.441 ug/ml

(f)=RT Delta > 1/2 Window

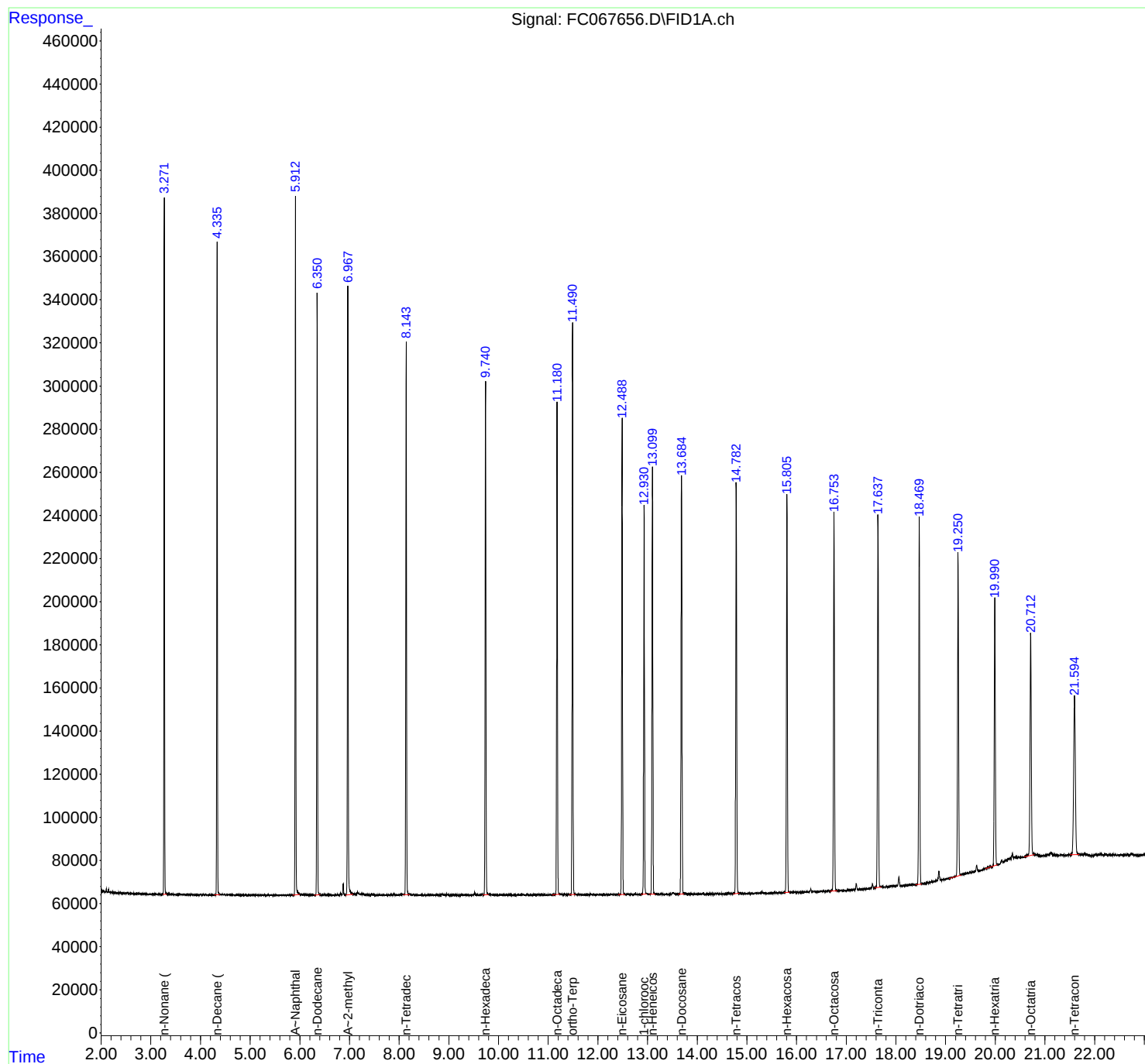
(m)=manual int.

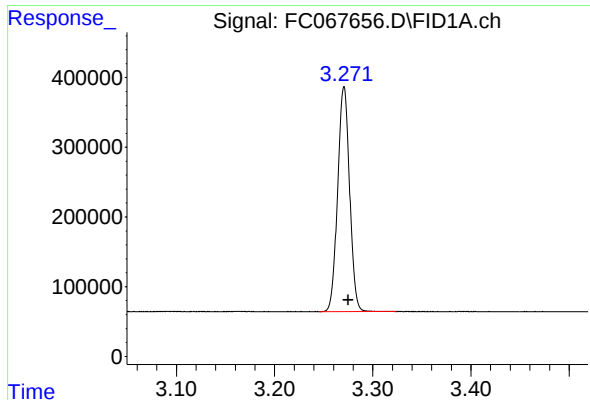
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110724AL\
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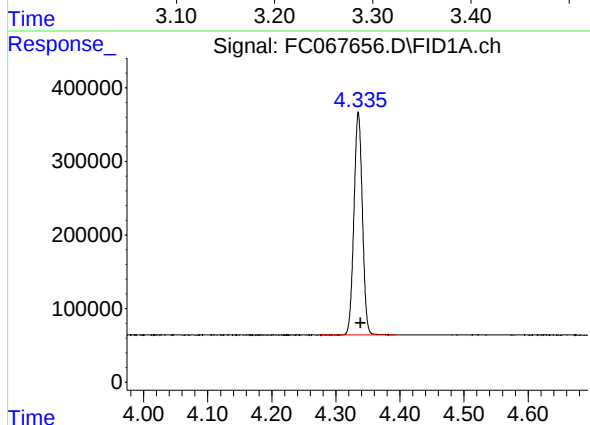




#1 n-Nonane (C9)

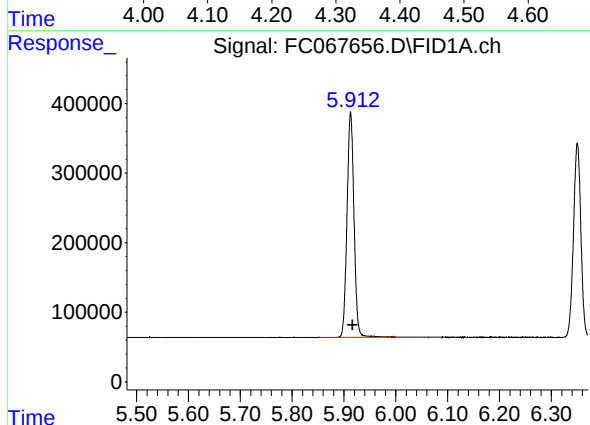
R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 2732244
Conc: 20.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



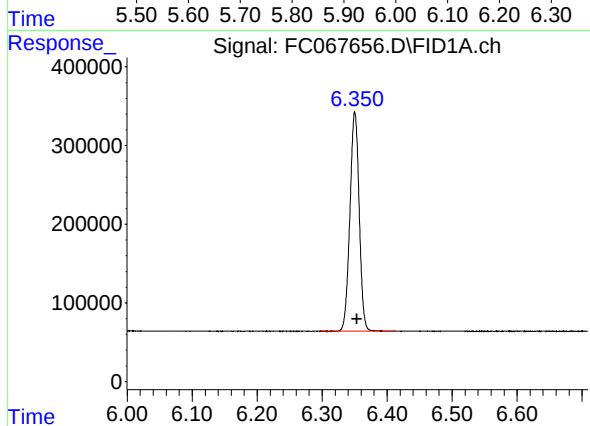
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: -0.003 min
Response: 2772815
Conc: 20.35 ug/ml



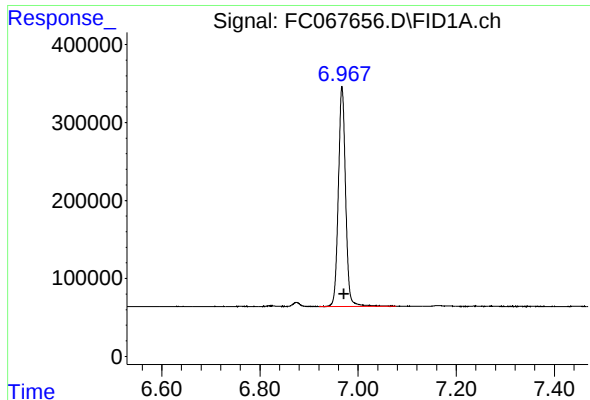
#3 A~Naphthalene (C11.7)

R.T.: 5.913 min
Delta R.T.: -0.004 min
Response: 3027132
Conc: 20.43 ug/ml



#4 n-Dodecane (C12)

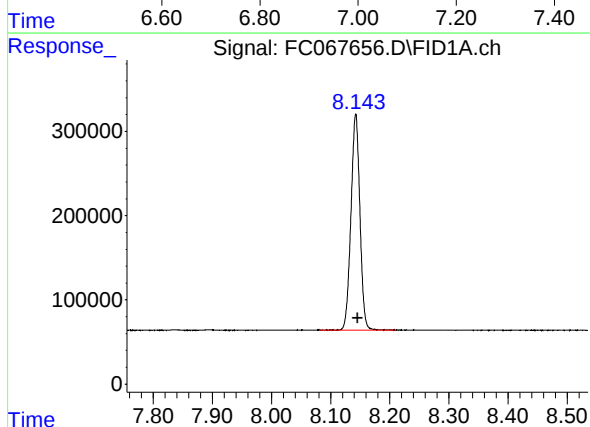
R.T.: 6.350 min
Delta R.T.: -0.003 min
Response: 2767521
Conc: 20.43 ug/ml



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

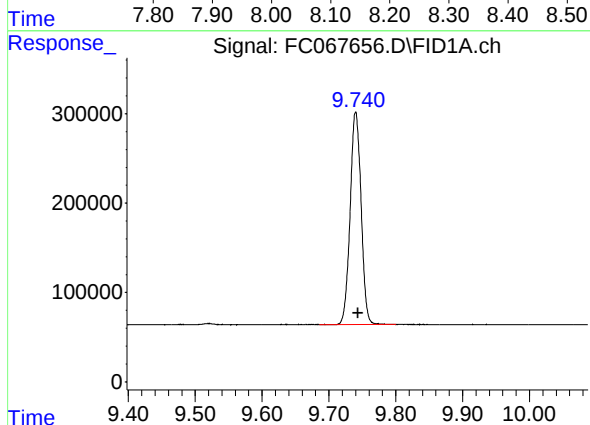
R.T.: 6.967 min
Delta R.T.: -0.004 min
Response: 2891797
Conc: 20.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



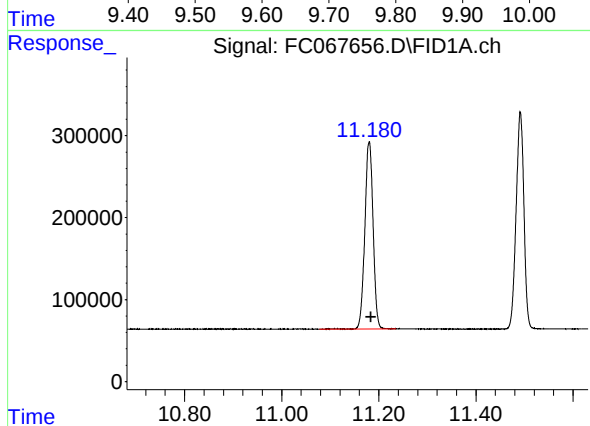
#6 n-Tetradecane (C14)

R.T.: 8.142 min
Delta R.T.: -0.004 min
Response: 2689290
Conc: 20.49 ug/ml



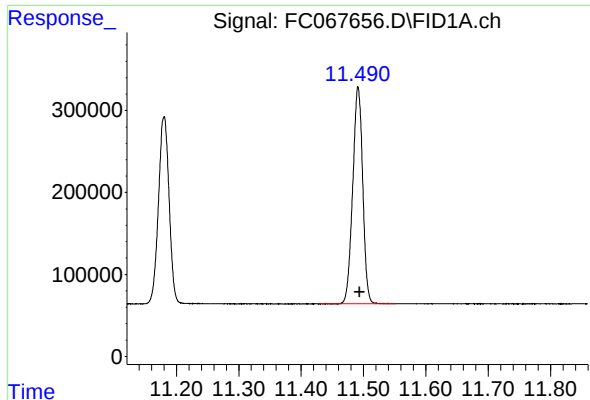
#7 n-Hexadecane (C16)

R.T.: 9.740 min
Delta R.T.: -0.003 min
Response: 2712097
Conc: 20.53 ug/ml



#8 n-Octadecane (C18)

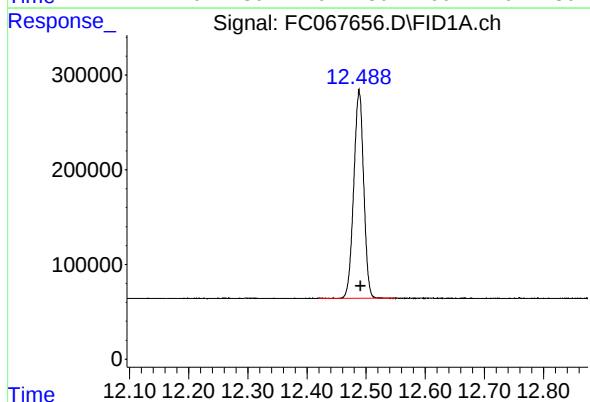
R.T.: 11.180 min
Delta R.T.: -0.004 min
Response: 2701589
Conc: 20.45 ug/ml



#9 ortho-Terphenyl (SURR)

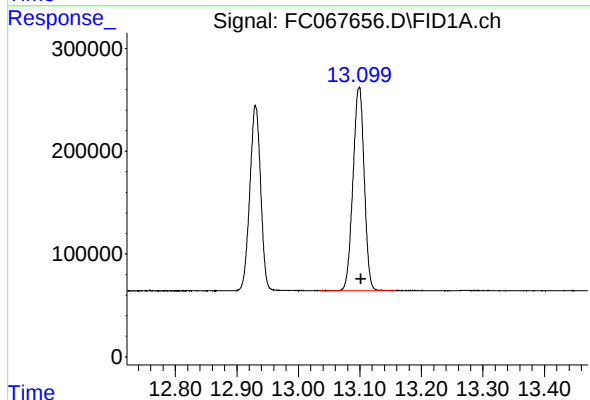
R.T.: 11.492 min
Delta R.T.: -0.003 min
Response: 2947302
Conc: 20.09 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



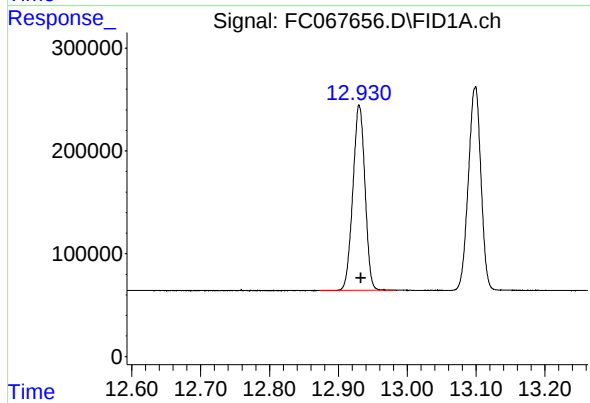
#10 n-Eicosane (C20)

R.T.: 12.488 min
Delta R.T.: -0.003 min
Response: 2566059
Conc: 20.34 ug/ml



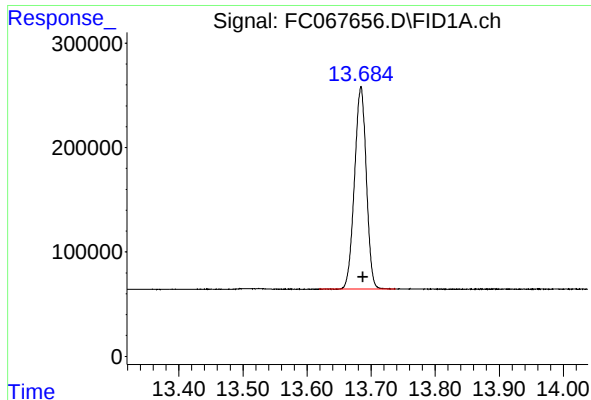
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.003 min
Response: 2513143
Conc: 20.36 ug/ml



#12 1-chlorooctadecane (SURR)

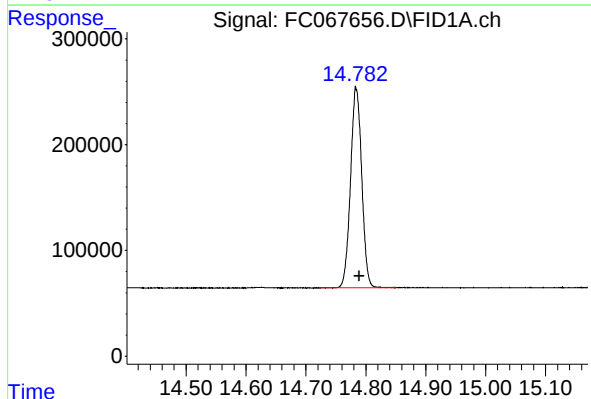
R.T.: 12.930 min
Delta R.T.: -0.003 min
Response: 2201244
Conc: 20.38 ug/ml



#13 n-Docosane (C22)

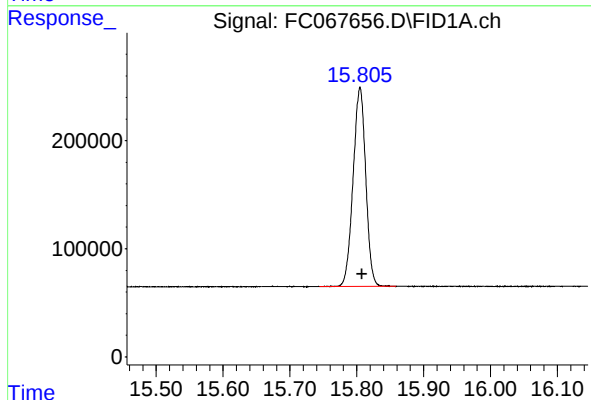
R.T.: 13.684 min
Delta R.T.: -0.003 min
Response: 2488341
Conc: 20.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



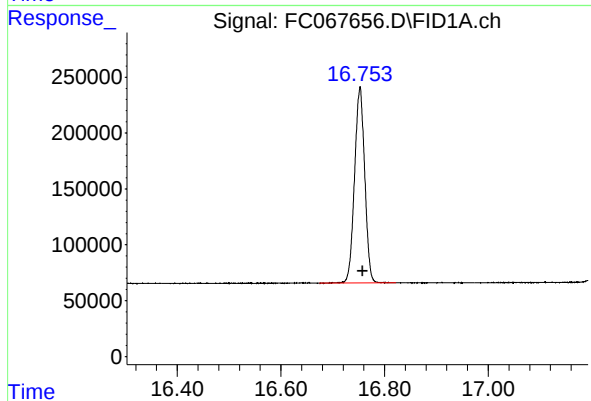
#14 n-Tetracosane (C24)

R.T.: 14.784 min
Delta R.T.: -0.005 min
Response: 2460994
Conc: 20.30 ug/ml



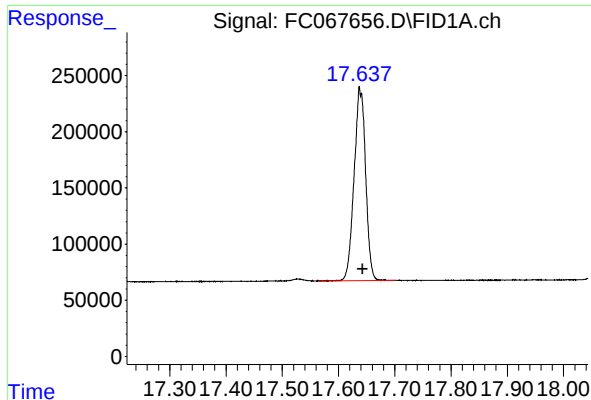
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: -0.003 min
Response: 2418230
Conc: 20.31 ug/ml



#16 n-Octacosane (C28)

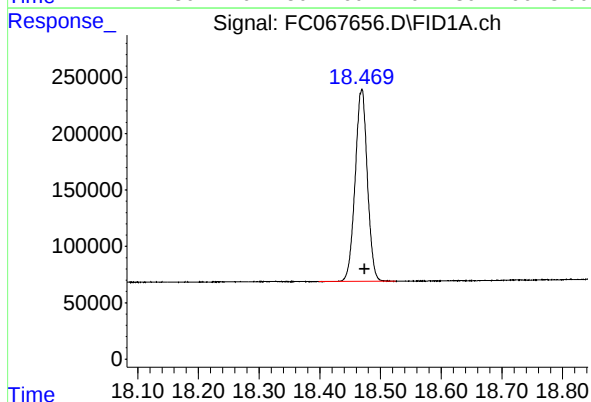
R.T.: 16.752 min
Delta R.T.: -0.005 min
Response: 2389801
Conc: 20.31 ug/ml



#17 n-Tricontane (C30)

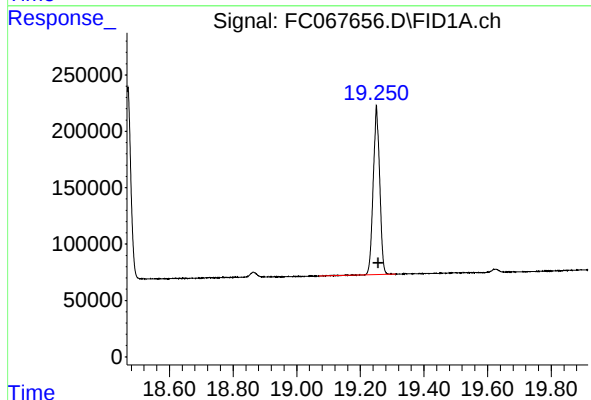
R.T.: 17.639 min
Delta R.T.: -0.004 min
Response: 2443003
Conc: 20.21 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



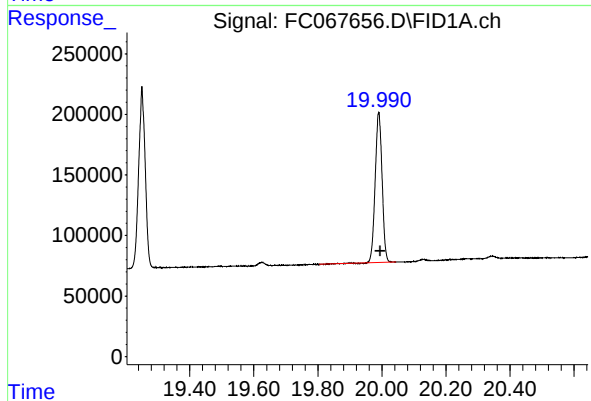
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.005 min
Response: 2381475
Conc: 20.13 ug/ml



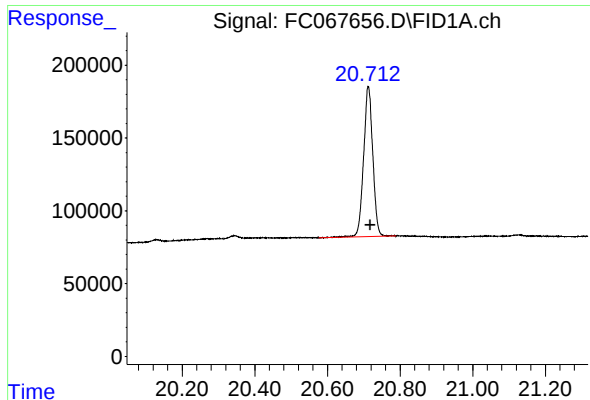
#19 n-Tetatriacontane (C34)

R.T.: 19.251 min
Delta R.T.: -0.005 min
Response: 2134102
Conc: 20.38 ug/ml



#20 n-Hexatriacontane (C36)

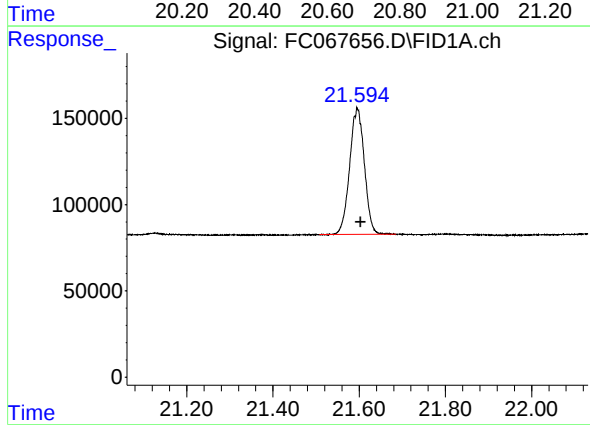
R.T.: 19.990 min
Delta R.T.: -0.004 min
Response: 1866187
Conc: 20.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: -0.005 min
Response: 1808747
Conc: 20.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: -0.008 min
Response: 1737689
Conc: 20.44 ug/ml