

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091824AL\
 Data File : FC067165.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 02:28
 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: Sep 19 04:32:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.504	2389990	17.164 ug/ml
Spiked Amount 50.000		Recovery =	34.33%
12) S 1-chlorooctadecane (S...	12.943	1763138	18.049 ug/ml
Spiked Amount 50.000		Recovery =	36.10%
Target Compounds			
1) T n-Nonane (C9)	3.277	2263735	17.066 ug/ml
2) T n-Decane (C10)	4.343	2344277	17.455 ug/ml
3) T A~Naphthalene (C11.7)	5.922	2482775	17.469 ug/ml
4) T n-Dodecane (C12)	6.360	2348065	17.542 ug/ml
5) T A~2-methylnaphthalene...	6.978	2356279	17.645 ug/ml
6) T n-Tetradecane (C14)	8.153	2285622	17.735 ug/ml
7) T n-Hexadecane (C16)	9.752	2312385	17.936 ug/ml
8) T n-Octadecane (C18)	11.192	2308201	18.041 ug/ml
10) T n-Eicosane (C20)	12.500	2166437	18.037 ug/ml
11) T n-Heneicosane (C21)	13.112	2107525	18.045 ug/ml
13) T n-Docosane (C22)	13.697	2089751	18.099 ug/ml
14) T n-Tetracosane (C24)	14.799	2095714	18.454 ug/ml
15) T n-Hexacosane (C26)	15.818	2062533	18.610 ug/ml
16) T n-Octacosane (C28)	16.767	2108197	19.517 ug/ml
17) T n-Tricontane (C30)	17.654	2258053	20.759 ug/ml
18) T n-Dotriacontane (C32)	18.487	2265856	21.723 ug/ml
19) T n-Tetratriacontane (C34)	19.267	2142585	23.224 ug/ml
20) T n-Hexatriacontane (C36)	20.007	1961064	24.746 ug/ml
21) T n-Octatriacontane (C38)	20.732	1822257	24.259 ug/ml
22) T n-Tetracontane (C40)	21.622	1693270	24.236 ug/ml

(f)=RT Delta > 1/2 Window

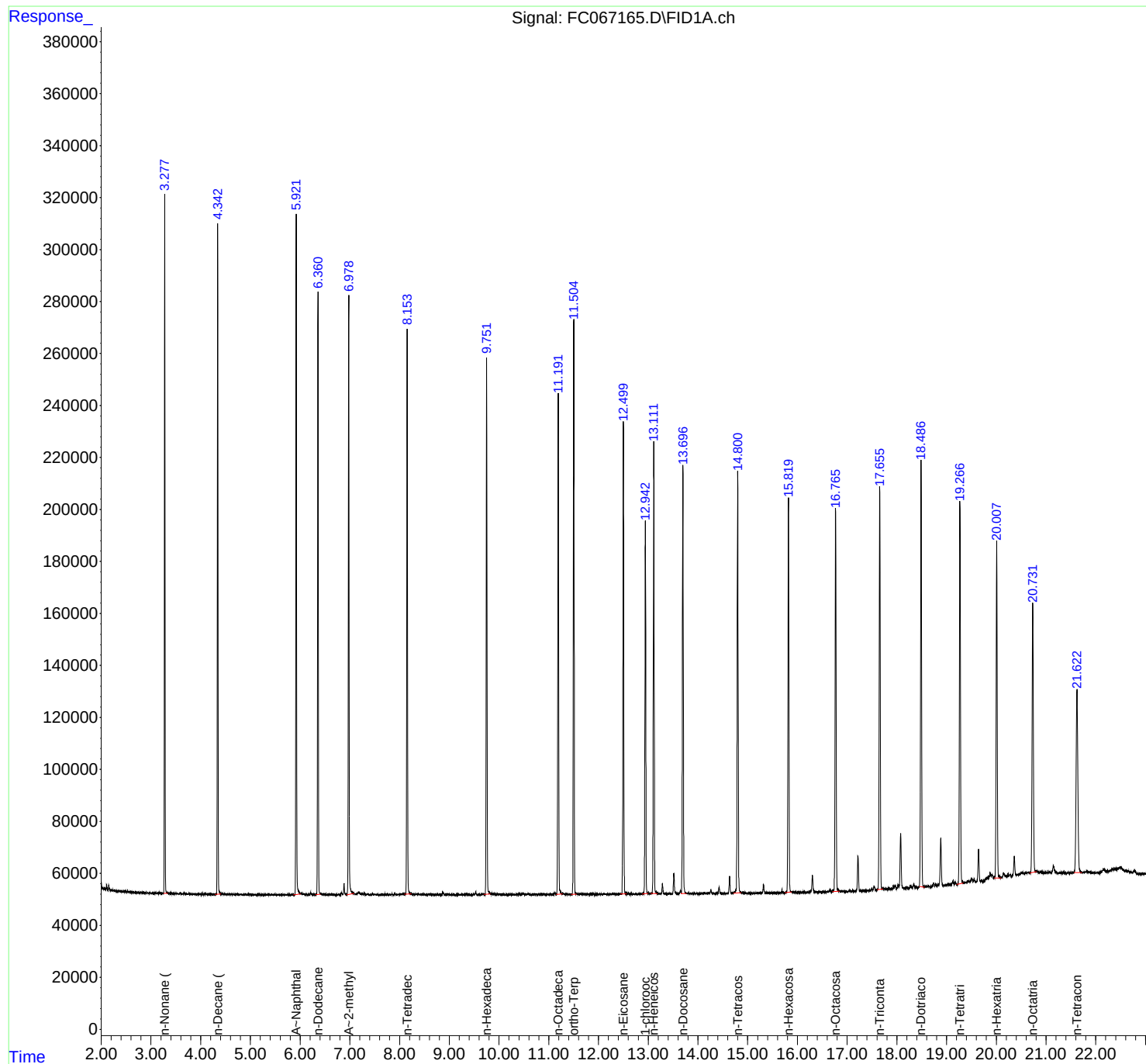
(m)=manual int.

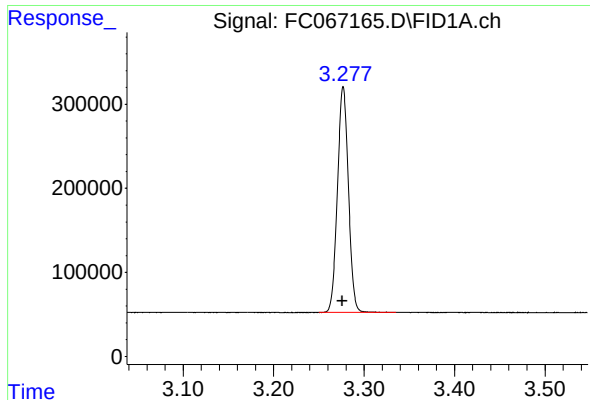
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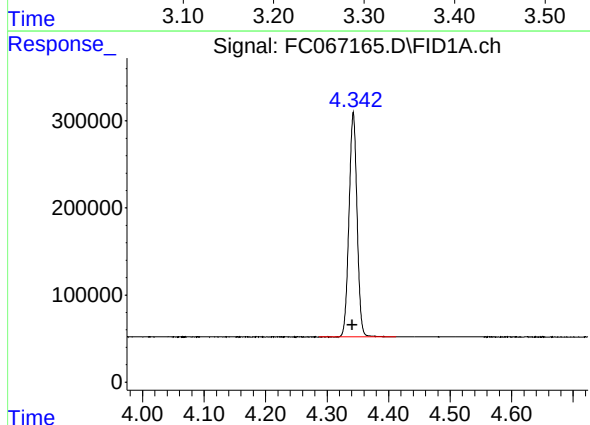




#1 n-Nonane (C9)

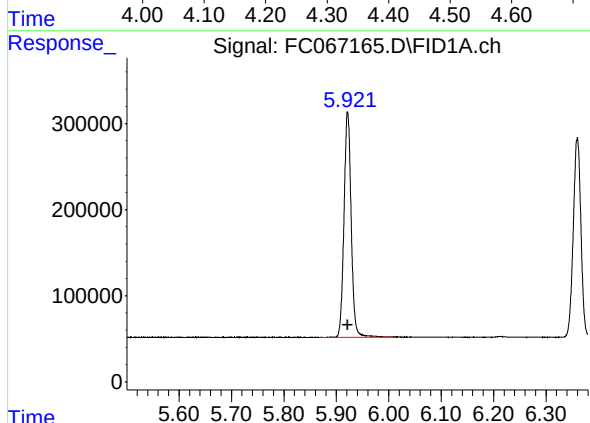
R.T.: 3.277 min
Delta R.T.: 0.001 min
Response: 2263735
Conc: 17.07 ug/ml

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20 PPM ALIPHATIC HC STD



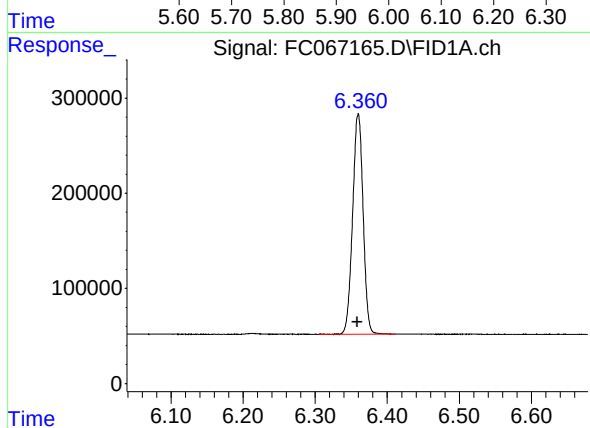
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.002 min
Response: 2344277
Conc: 17.45 ug/ml



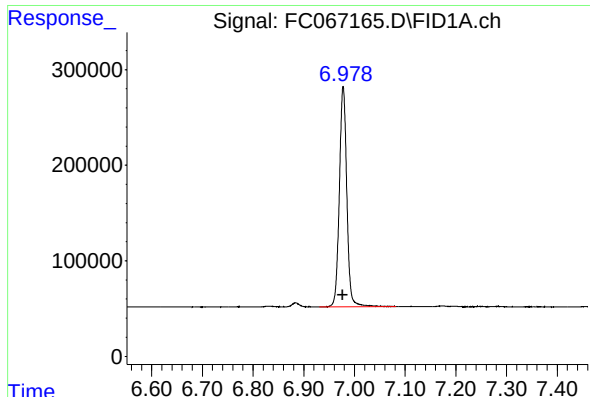
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 2482775
Conc: 17.47 ug/ml



#4 n-Dodecane (C12)

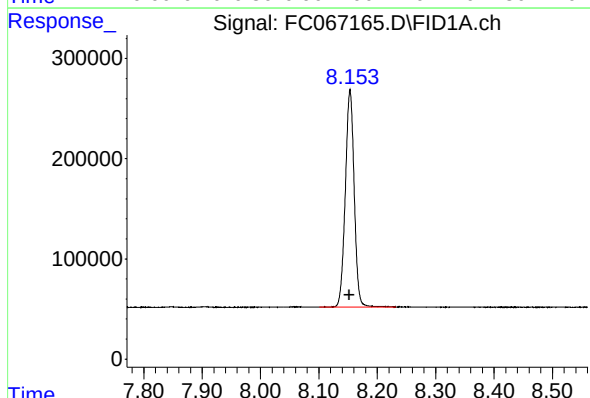
R.T.: 6.360 min
Delta R.T.: 0.001 min
Response: 2348065
Conc: 17.54 ug/ml



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

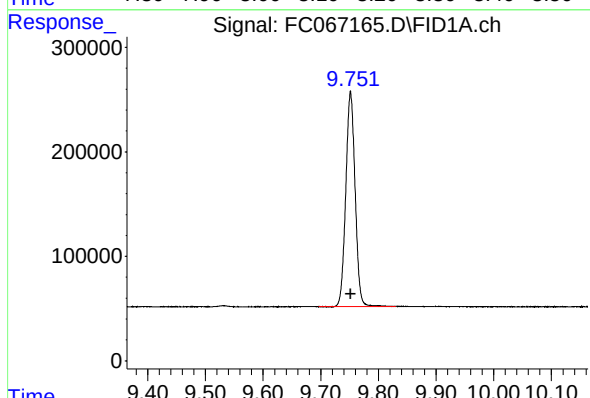
R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 2356279
Conc: 17.65 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



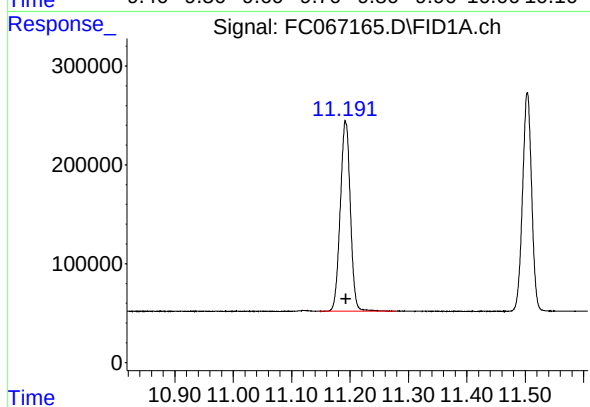
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 2285622
Conc: 17.74 ug/ml



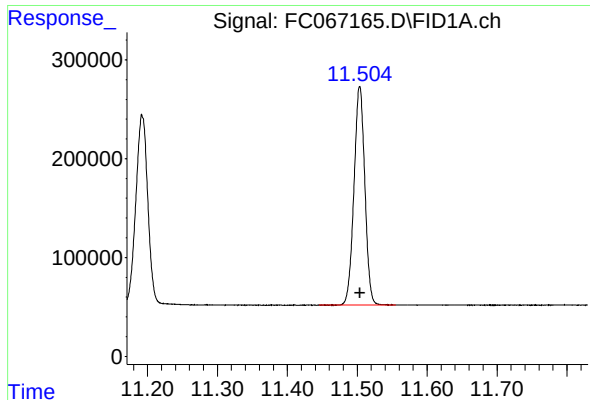
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.000 min
Response: 2312385
Conc: 17.94 ug/ml



#8 n-Octadecane (C18)

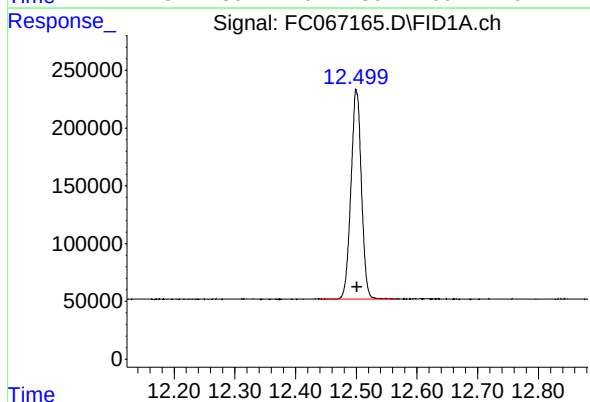
R.T.: 11.192 min
Delta R.T.: 0.000 min
Response: 2308201
Conc: 18.04 ug/ml



#9 ortho-Terphenyl (SURR)

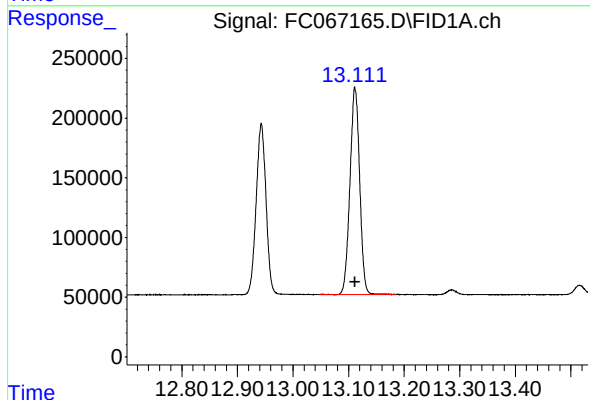
R.T.: 11.504 min
Delta R.T.: 0.000 min
Response: 2389990
Conc: 17.16 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



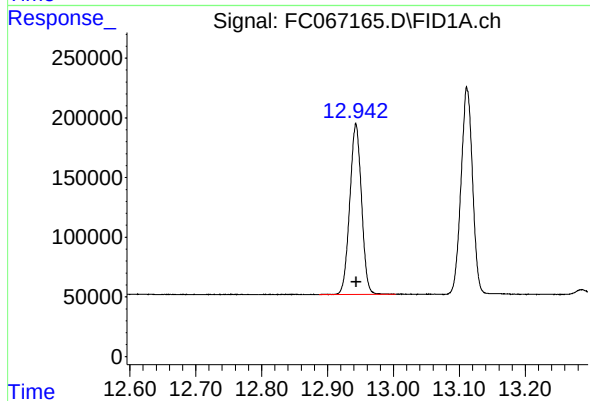
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: 0.000 min
Response: 2166437
Conc: 18.04 ug/ml



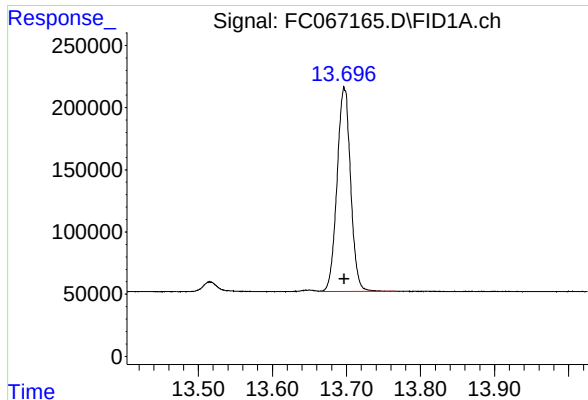
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.000 min
Response: 2107525
Conc: 18.04 ug/ml



#12 1-chlorooctadecane (SURR)

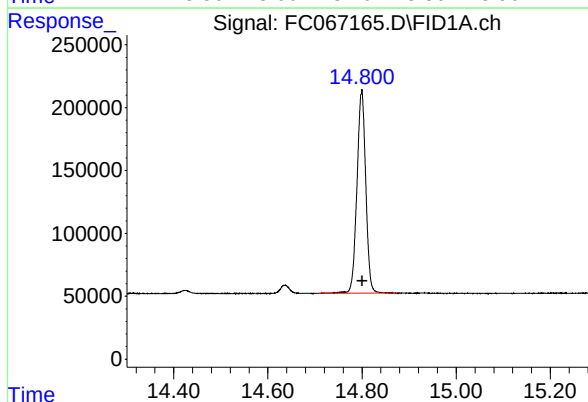
R.T.: 12.943 min
Delta R.T.: 0.000 min
Response: 1763138
Conc: 18.05 ug/ml



#13 n-Docosane (C22)

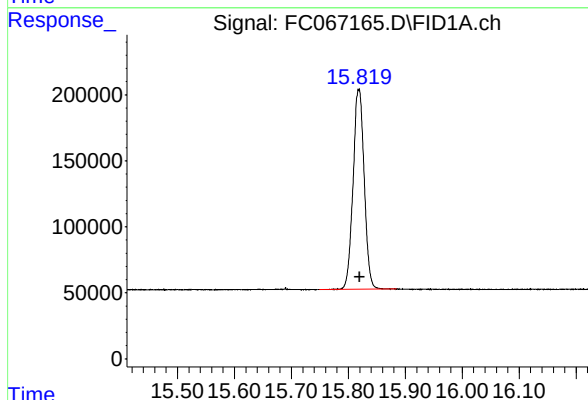
R.T.: 13.697 min
Delta R.T.: 0.000 min
Response: 2089751
Conc: 18.10 ug/ml

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20 PPM ALIPHATIC HC STD



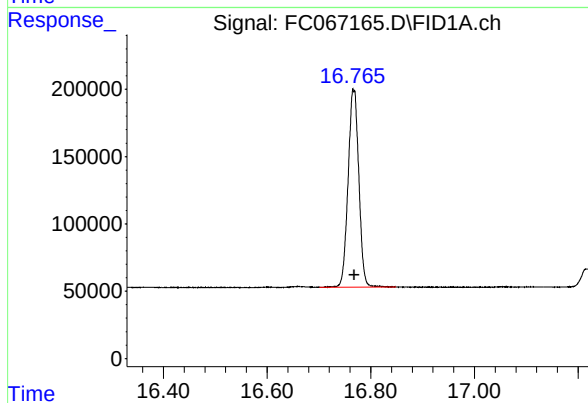
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: -0.002 min
Response: 2095714
Conc: 18.45 ug/ml



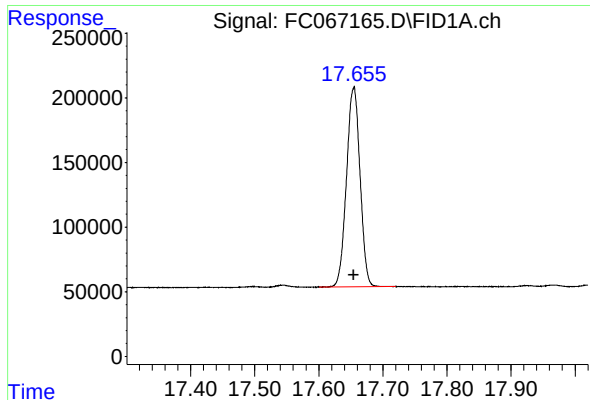
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: -0.002 min
Response: 2062533
Conc: 18.61 ug/ml



#16 n-Octacosane (C28)

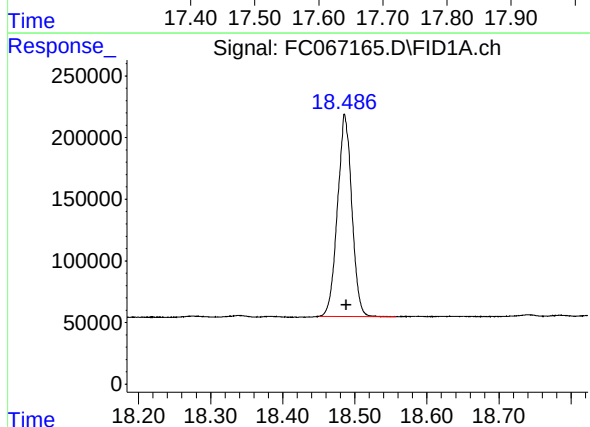
R.T.: 16.767 min
Delta R.T.: 0.000 min
Response: 2108197
Conc: 19.52 ug/ml



#17 n-Tricontane (C30)

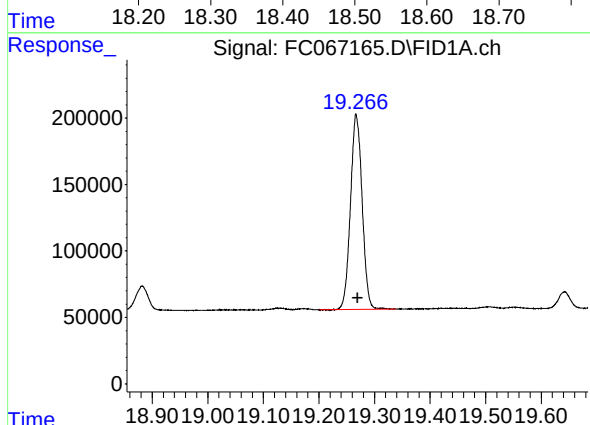
R.T.: 17.654 min
Delta R.T.: 0.000 min
Response: 2258053
Conc: 20.76 ug/ml

Instrument :
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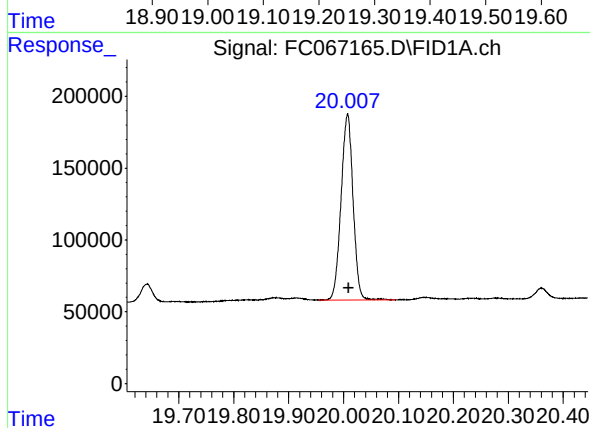
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.002 min
Response: 2265856
Conc: 21.72 ug/ml



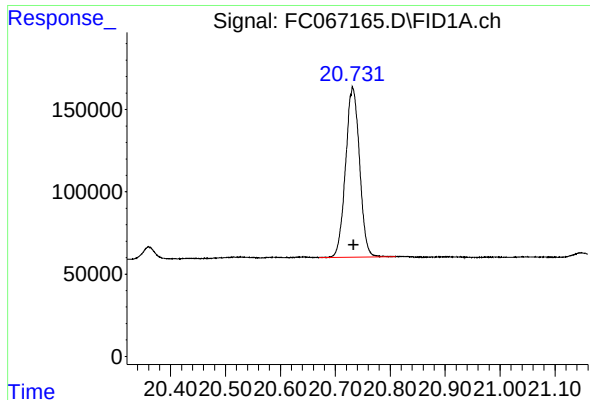
#19 n-Tetatriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.002 min
Response: 2142585
Conc: 23.22 ug/ml



#20 n-Hexatriacontane (C36)

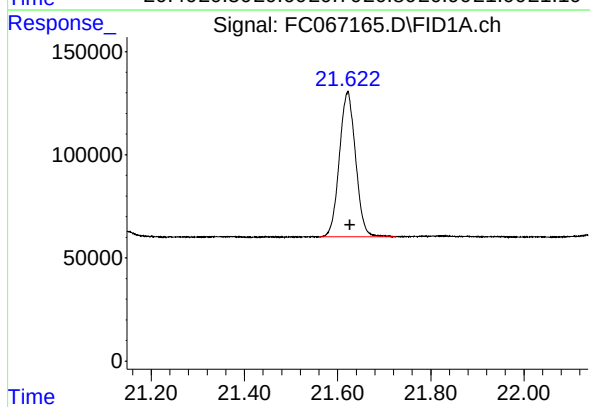
R.T.: 20.007 min
Delta R.T.: -0.002 min
Response: 1961064
Conc: 24.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: -0.002 min
Response: 1822257
Conc: 24.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.622 min
Delta R.T.: -0.005 min
Response: 1693270
Conc: 24.24 ug/ml