

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100324AL\
 Data File : FC067331.D
 Signal(s) : FID1A.ch
 Acq On : 01 Oct 2024 20:45
 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 02 03:23:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.495	2779255	18.265 ug/ml
Spiked Amount 50.000		Recovery =	36.53%
12) S 1-chlorooctadecane (S...	12.935	2058631	18.187 ug/ml
Spiked Amount 50.000		Recovery =	36.37%
Target Compounds			
1) T n-Nonane (C9)	3.271	2272920	17.931 ug/ml
2) T n-Decane (C10)	4.336	2408220	18.735 ug/ml
3) T A~Naphthalene (C11.7)	5.914	2662130	18.766 ug/ml
4) T n-Dodecane (C12)	6.353	2424958	18.688 ug/ml
5) T A~2-methylnaphthalene...	6.970	2585016	18.843 ug/ml
6) T n-Tetradecane (C14)	8.146	2413726	18.741 ug/ml
7) T n-Hexadecane (C16)	9.744	2491645	18.718 ug/ml
8) T n-Octadecane (C18)	11.185	2531691	18.670 ug/ml
10) T n-Eicosane (C20)	12.492	2430028	18.611 ug/ml
11) T n-Heneicosane (C21)	13.103	2385219	18.597 ug/ml
13) T n-Docosane (C22)	13.689	2387441	18.698 ug/ml
14) T n-Tetracosane (C24)	14.791	2423004	18.946 ug/ml
15) T n-Hexacosane (C26)	15.809	2420789	19.200 ug/ml
16) T n-Octacosane (C28)	16.758	2521781	20.073 ug/ml
17) T n-Tricontane (C30)	17.644	2793428	21.684 ug/ml
18) T n-Dotriacontane (C32)	18.476	2873327	23.000 ug/ml
19) T n-Tetratriacontane (C34)	19.259	2617622	23.954 ug/ml
20) T n-Hexatriacontane (C36)	19.998	2409486	25.492 ug/ml
21) T n-Octatriacontane (C38)	20.721	2165969	24.698 ug/ml
22) T n-Tetracontane (C40)	21.606	2094689	24.343 ug/ml

(f)=RT Delta > 1/2 Window

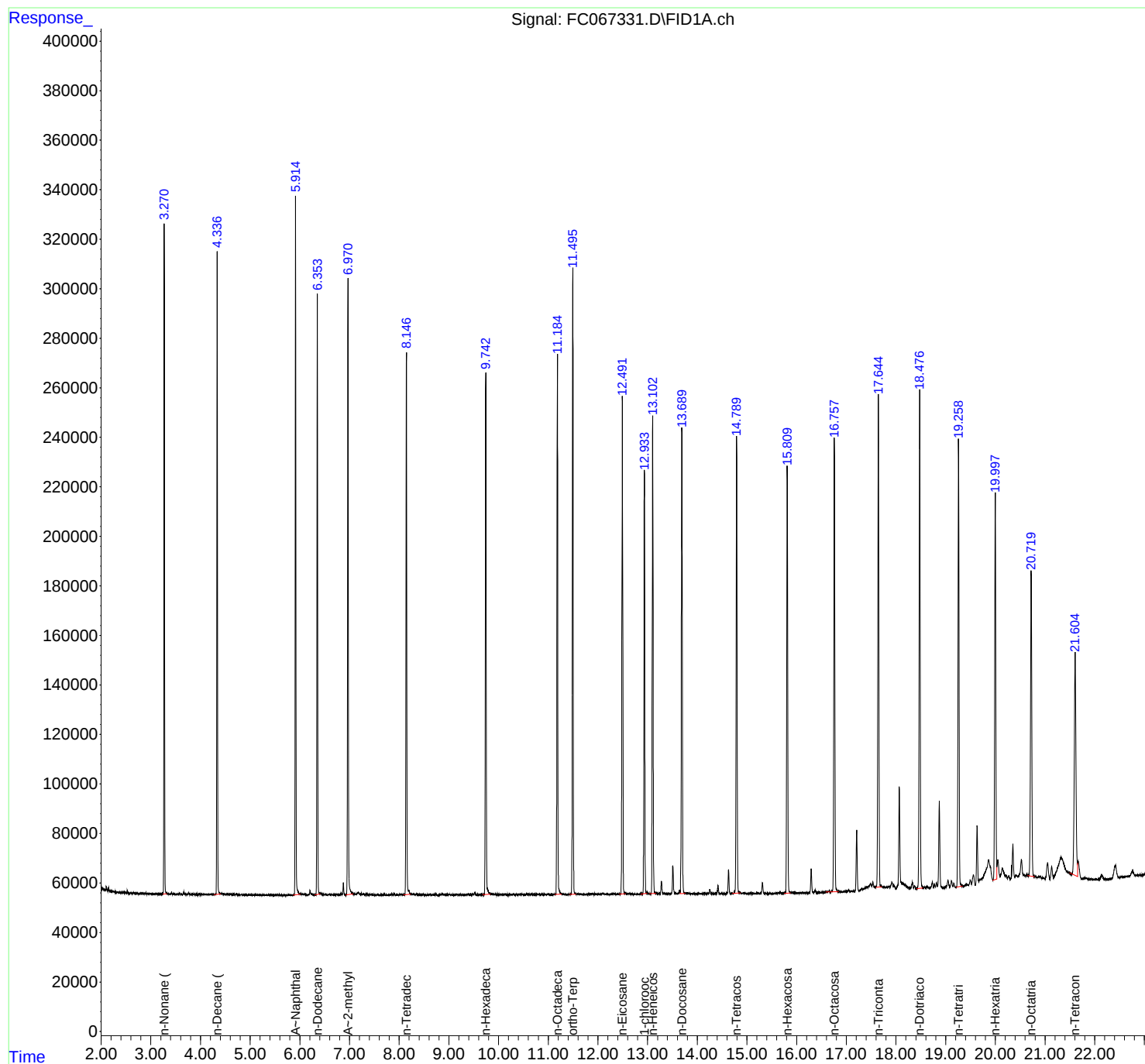
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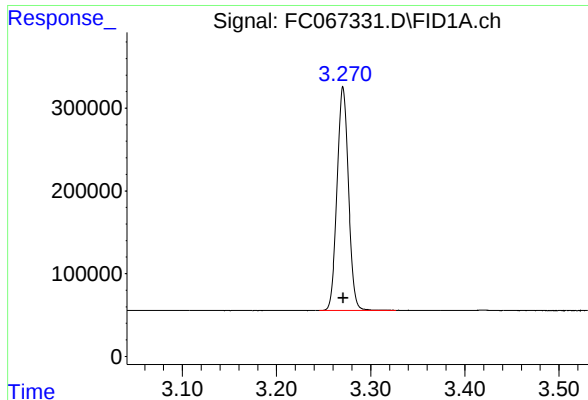
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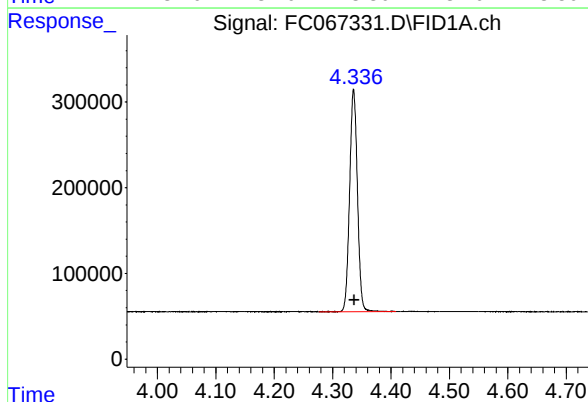




#1 n-Nonane (C9)

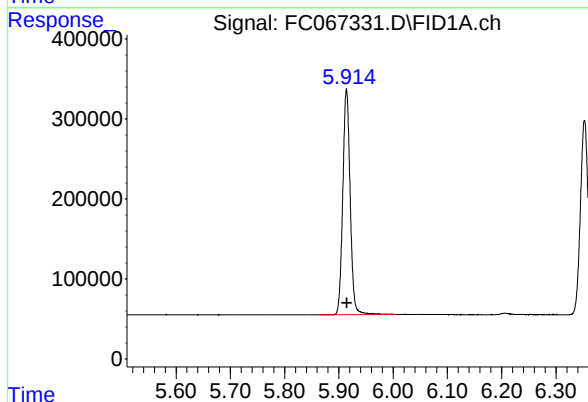
R.T.: 3.271 min
Delta R.T.: 0.000 min
Response: 2272920
Conc: 17.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



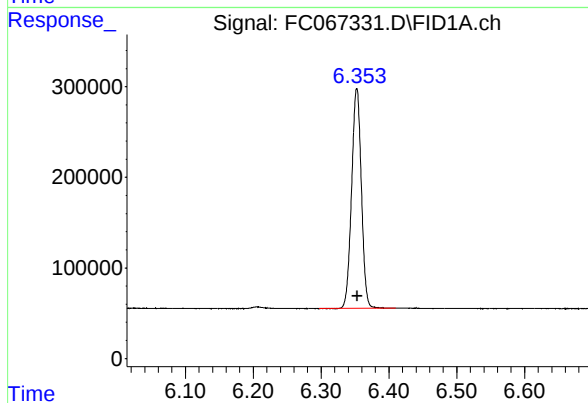
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: -0.001 min
Response: 2408220
Conc: 18.73 ug/ml



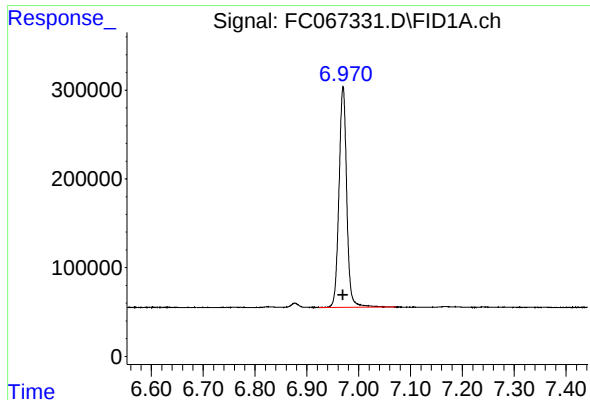
#3 A~Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 2662130
Conc: 18.77 ug/ml



#4 n-Dodecane (C12)

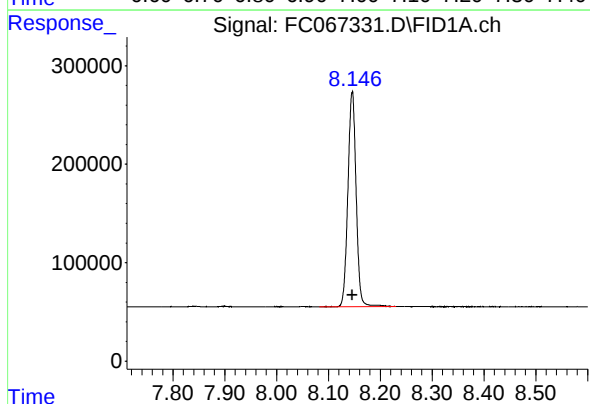
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 2424958
Conc: 18.69 ug/ml



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

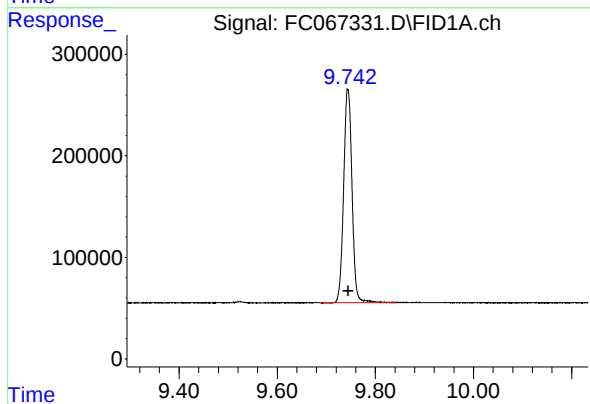
R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 2585016
Conc: 18.84 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



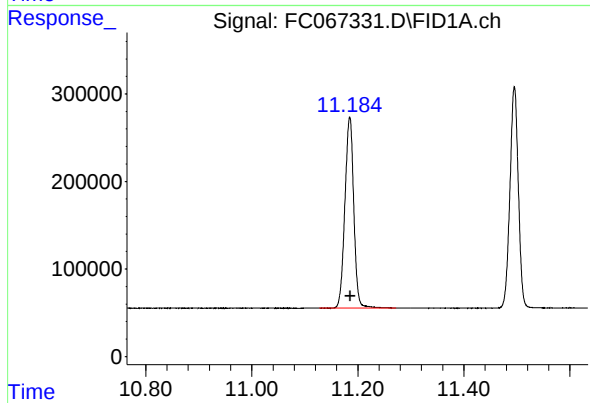
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 2413726
Conc: 18.74 ug/ml



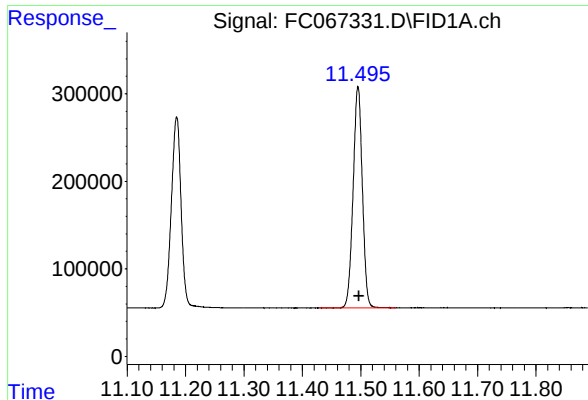
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 2491645
Conc: 18.72 ug/ml



#8 n-Octadecane (C18)

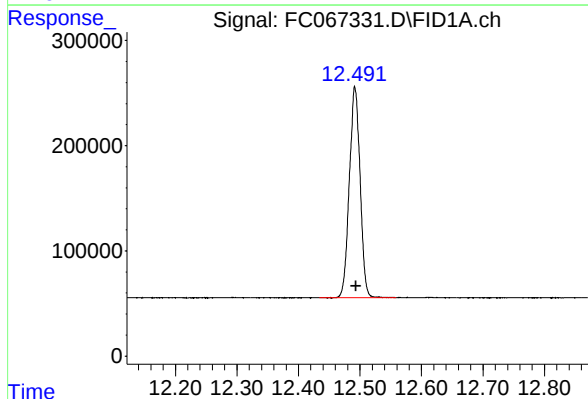
R.T.: 11.185 min
Delta R.T.: -0.002 min
Response: 2531691
Conc: 18.67 ug/ml



#9 ortho-Terphenyl (SURR)

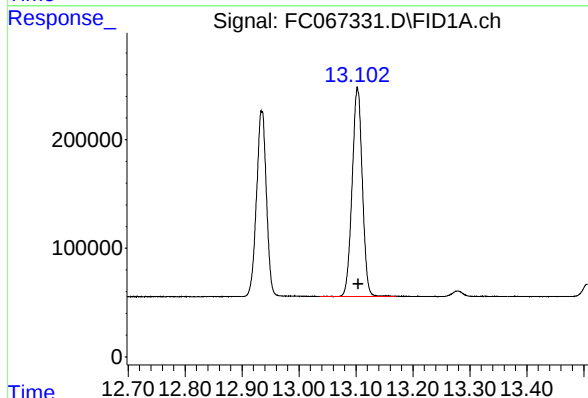
R.T.: 11.495 min
Delta R.T.: -0.002 min
Response: 2779255
Conc: 18.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



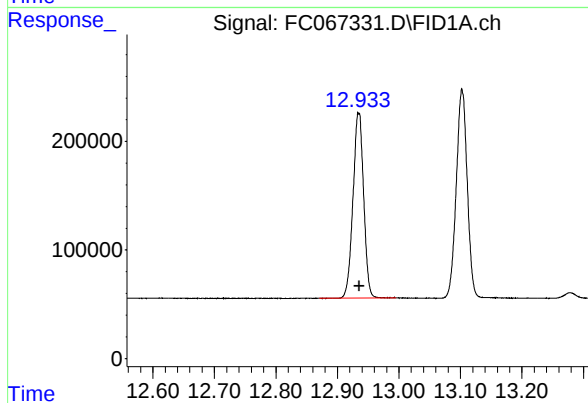
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: -0.001 min
Response: 2430028
Conc: 18.61 ug/ml



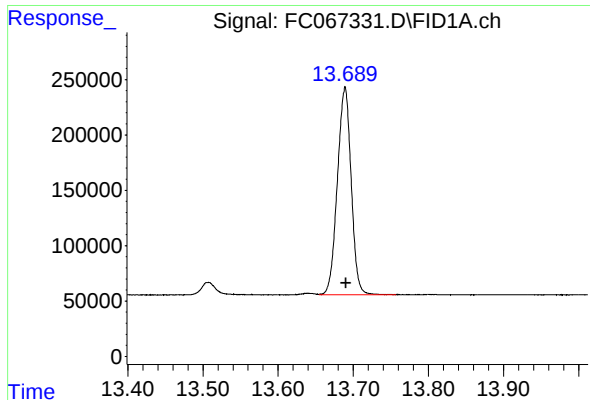
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: -0.002 min
Response: 2385219
Conc: 18.60 ug/ml



#12 1-chlorooctadecane (SURR)

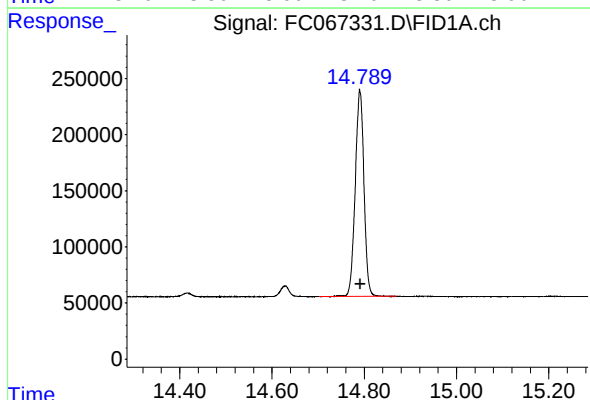
R.T.: 12.935 min
Delta R.T.: -0.001 min
Response: 2058631
Conc: 18.19 ug/ml



#13 n-Docosane (C22)

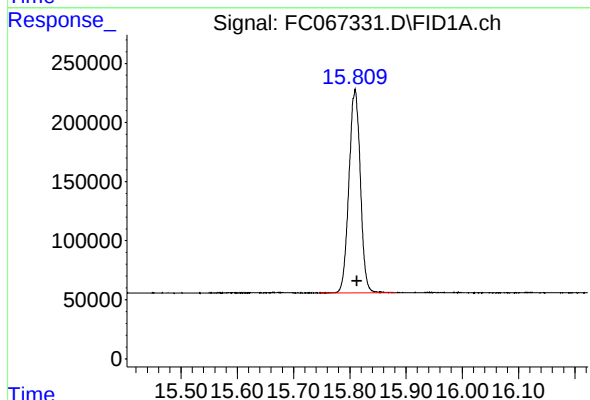
R.T.: 13.689 min
Delta R.T.: -0.002 min
Response: 2387441
Conc: 18.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



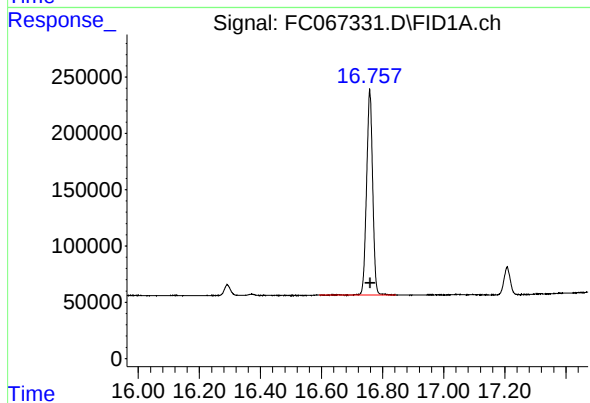
#14 n-Tetracosane (C24)

R.T.: 14.791 min
Delta R.T.: -0.001 min
Response: 2423004
Conc: 18.95 ug/ml



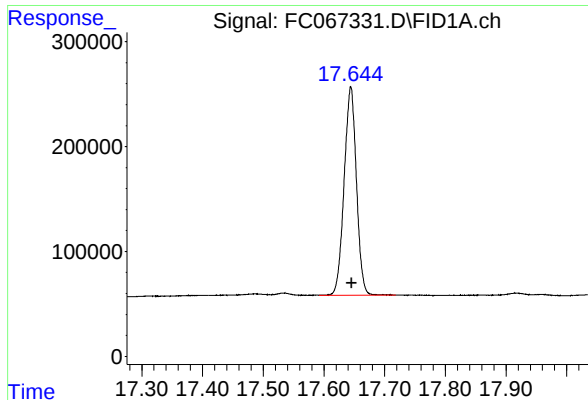
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: -0.003 min
Response: 2420789
Conc: 19.20 ug/ml



#16 n-Octacosane (C28)

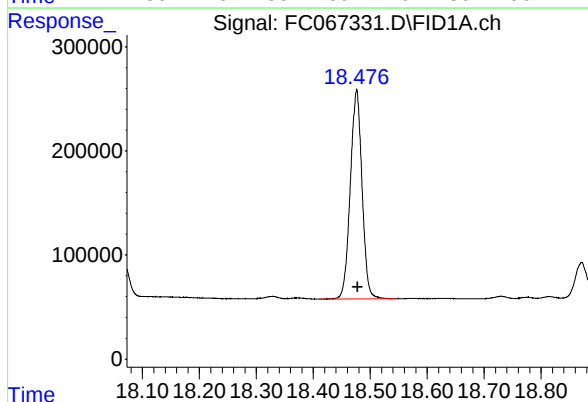
R.T.: 16.758 min
Delta R.T.: -0.002 min
Response: 2521781
Conc: 20.07 ug/ml



#17 n-Tricontane (C30)

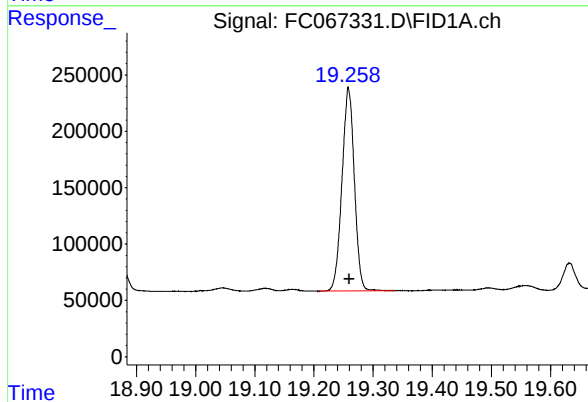
R.T.: 17.644 min
Delta R.T.: -0.002 min
Response: 2793428
Conc: 21.68 ug/ml

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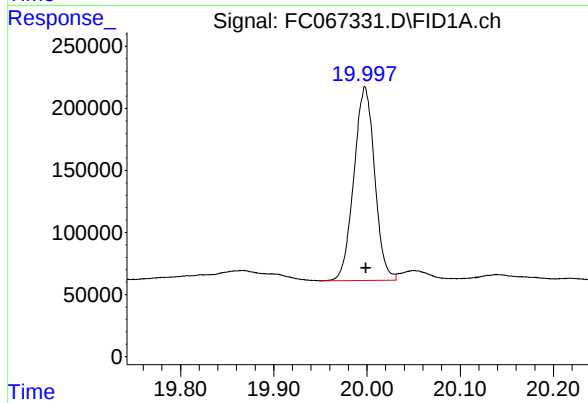
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: -0.002 min
Response: 2873327
Conc: 23.00 ug/ml



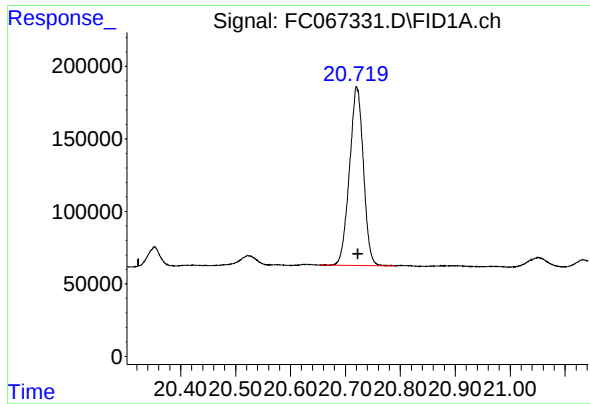
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min
Delta R.T.: -0.001 min
Response: 2617622
Conc: 23.95 ug/ml



#20 n-Hexatriacontane (C36)

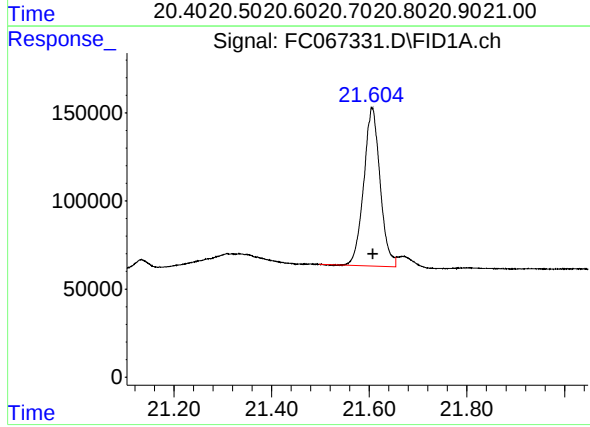
R.T.: 19.998 min
Delta R.T.: -0.001 min
Response: 2409486
Conc: 25.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.721 min
Delta R.T.: -0.002 min
Response: 2165969
Conc: 24.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.606 min
Delta R.T.: -0.002 min
Response: 2094689
Conc: 24.34 ug/ml