

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091224AL\
 Data File : FC067112.D
 Signal(s) : FID1A.ch
 Acq On : 11 Sep 2024 07:22
 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: sample.E
 Quant Time: Sep 11 11:01:03 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)	11.506	2819321	20.247 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
12) S 1-chlorooctadecane (S...	12.944	2102661	21.525 ug/ml
Spiked Amount 50.000		Recovery =	43.05%
Target Compounds			
1) T n-Nonane (C9)	3.279	2589108	19.519 ug/ml
2) T n-Decane (C10)	4.345	2638146	19.643 ug/ml
3) T A~Naphthalene (C11.7)	5.923	2808560	19.761 ug/ml
4) T n-Dodecane (C12)	6.361	2659112	19.866 ug/ml
5) T A~2-methylnaphthalene...	6.979	2680527	20.073 ug/ml
6) T n-Tetradecane (C14)	8.154	2612024	20.268 ug/ml
7) T n-Hexadecane (C16)	9.753	2664265	20.665 ug/ml
8) T n-Octadecane (C18)	11.194	2676436	20.919 ug/ml
10) T n-Eicosane (C20)	12.501	2523554	21.010 ug/ml
11) T n-Heneicosane (C21)	13.113	2455217	21.022 ug/ml
13) T n-Docosane (C22)	13.699	2412377	20.894 ug/ml
14) T n-Tetracosane (C24)	14.800	2359191	20.775 ug/ml
15) T n-Hexacosane (C26)	15.819	2286387	20.630 ug/ml
16) T n-Octacosane (C28)	16.768	2227704	20.623 ug/ml
17) T n-Tricontane (C30)	17.654	2245529	20.644 ug/ml
18) T n-Dotriacontane (C32)	18.487	2160874	20.717 ug/ml
19) T n-Tetratriacontane (C34)	19.269	1924210	20.857 ug/ml
20) T n-Hexatriacontane (C36)	20.009	1695390	21.394 ug/ml
21) T n-Octatriacontane (C38)	20.733	1585239	21.104 ug/ml
22) T n-Tetracontane (C40)	21.623	1547565	22.151 ug/ml

(f)=RT Delta > 1/2 Window

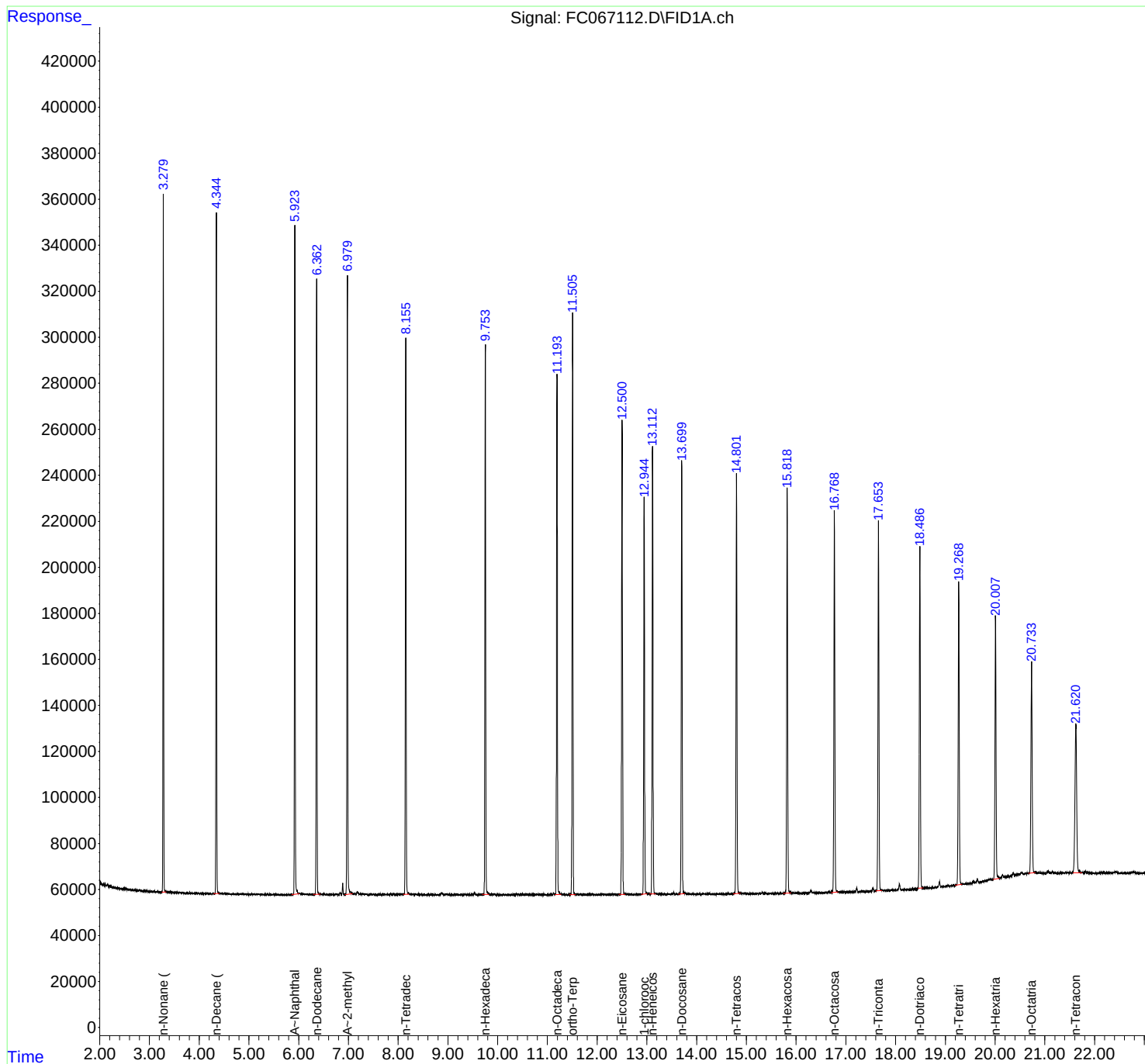
(m)=manual int.

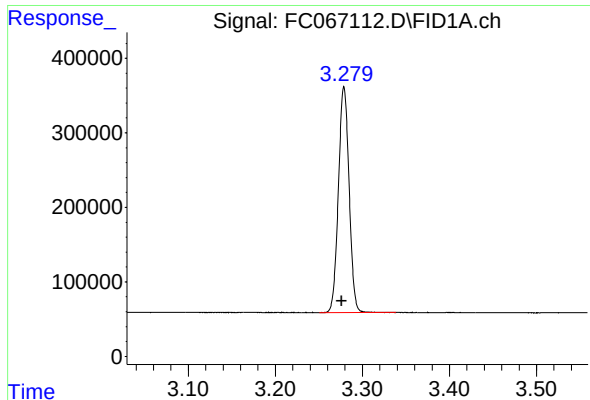
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091224AL\
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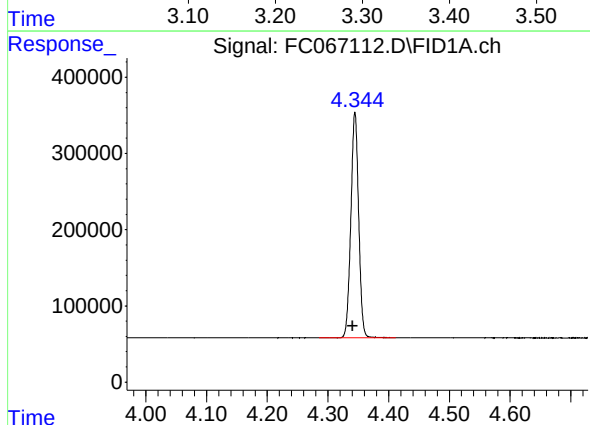




#1 n-Nonane (C9)

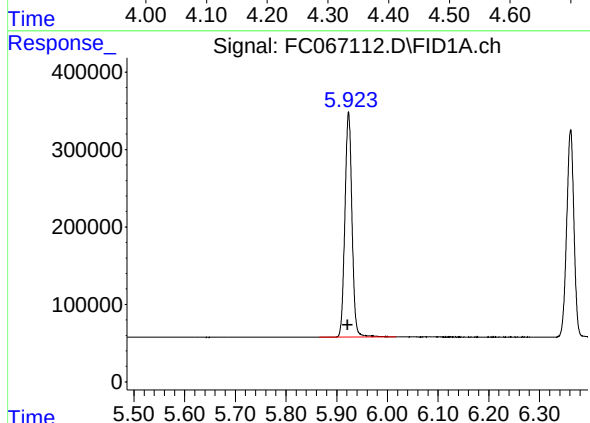
R.T.: 3.279 min
Delta R.T.: 0.003 min
Response: 2589108
Conc: 19.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



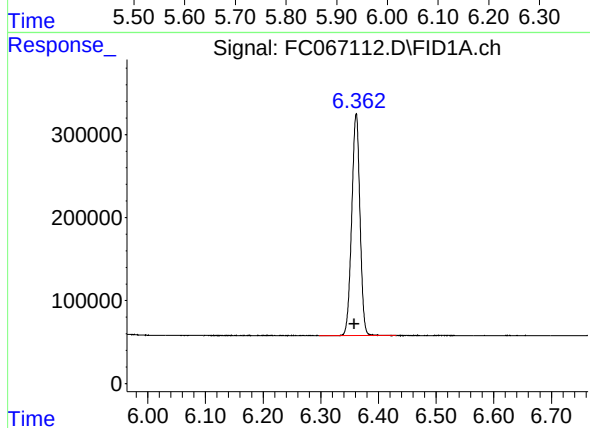
#2 n-Decane (C10)

R.T.: 4.345 min
Delta R.T.: 0.004 min
Response: 2638146
Conc: 19.64 ug/ml



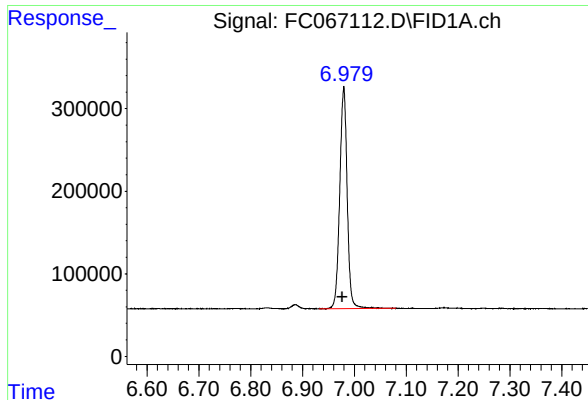
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: 0.002 min
Response: 2808560
Conc: 19.76 ug/ml



#4 n-Dodecane (C12)

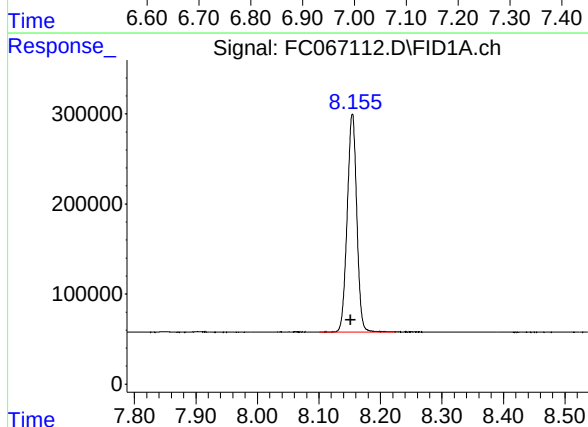
R.T.: 6.361 min
Delta R.T.: 0.003 min
Response: 2659112
Conc: 19.87 ug/ml



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

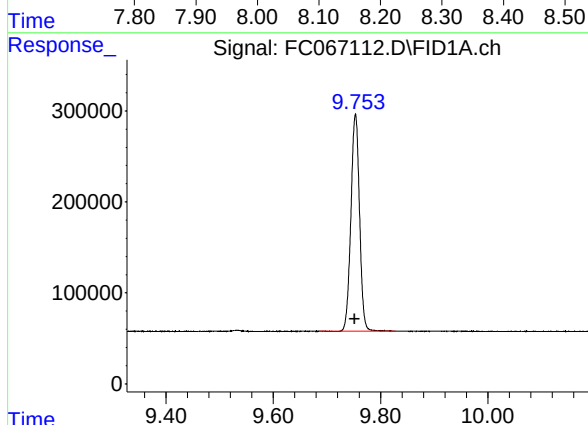
R.T.: 6.979 min
Delta R.T.: 0.002 min
Response: 2680527
Conc: 20.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



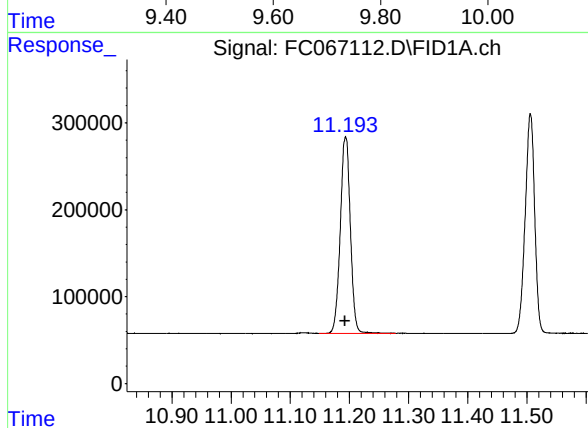
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.002 min
Response: 2612024
Conc: 20.27 ug/ml



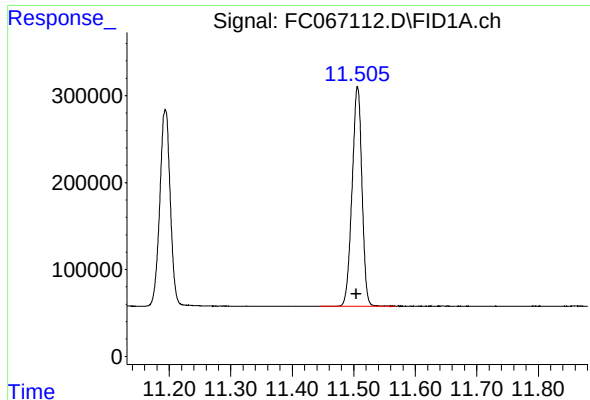
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.001 min
Response: 2664265
Conc: 20.67 ug/ml



#8 n-Octadecane (C18)

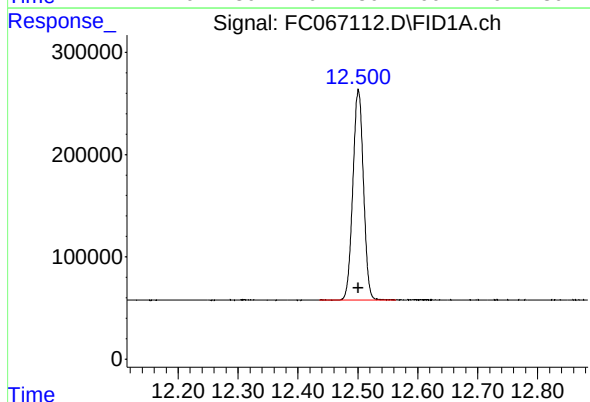
R.T.: 11.194 min
Delta R.T.: 0.000 min
Response: 2676436
Conc: 20.92 ug/ml



#9 ortho-Terphenyl (SURR)

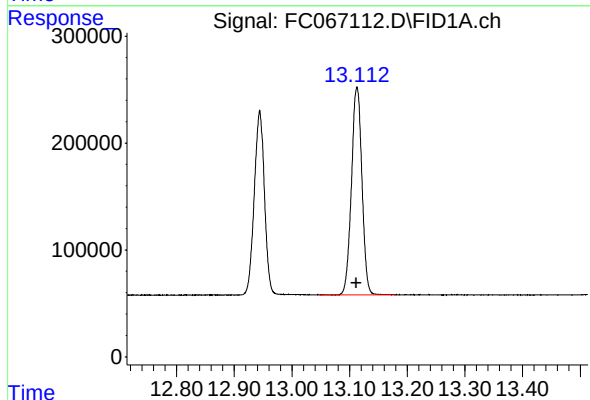
R.T.: 11.506 min
Delta R.T.: 0.002 min
Response: 2819321
Conc: 20.25 ug/ml

Instrument :
FID_C
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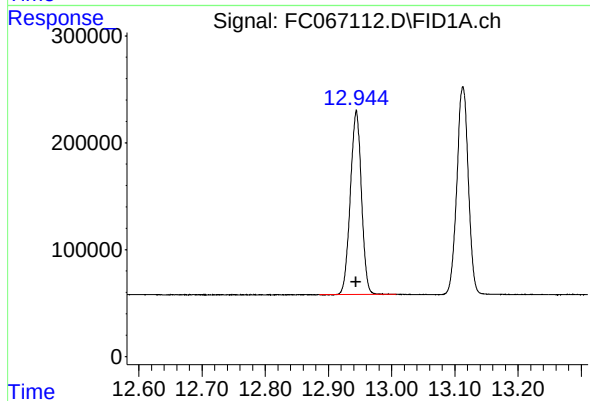
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: 0.000 min
Response: 2523554
Conc: 21.01 ug/ml



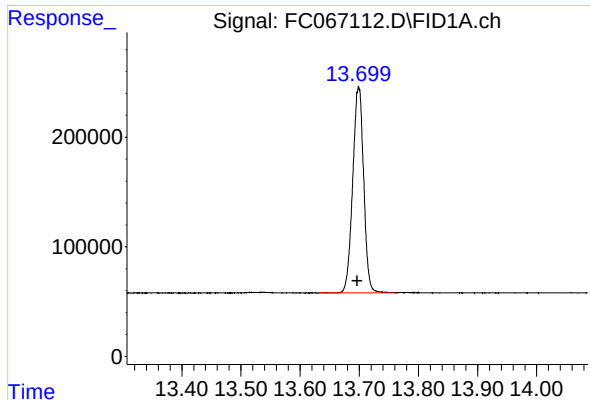
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: 0.001 min
Response: 2455217
Conc: 21.02 ug/ml



#12 1-chlorooctadecane (SURR)

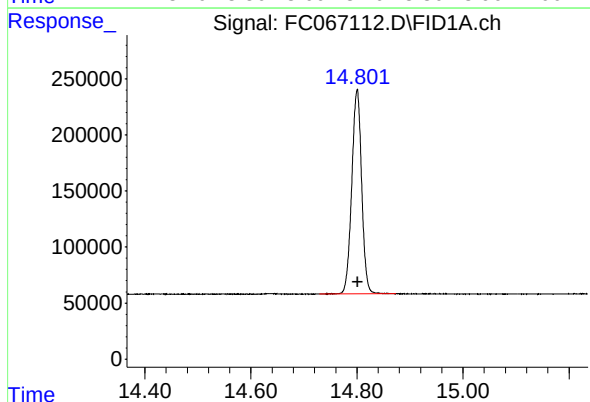
R.T.: 12.944 min
Delta R.T.: 0.000 min
Response: 2102661
Conc: 21.52 ug/ml



#13 n-Docosane (C22)

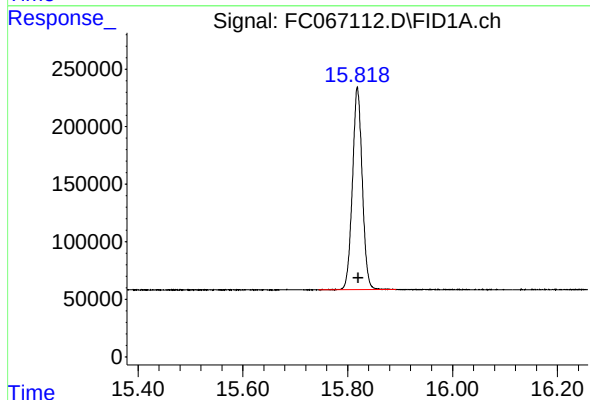
R.T.: 13.699 min
Delta R.T.: 0.002 min
Response: 2412377
Conc: 20.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



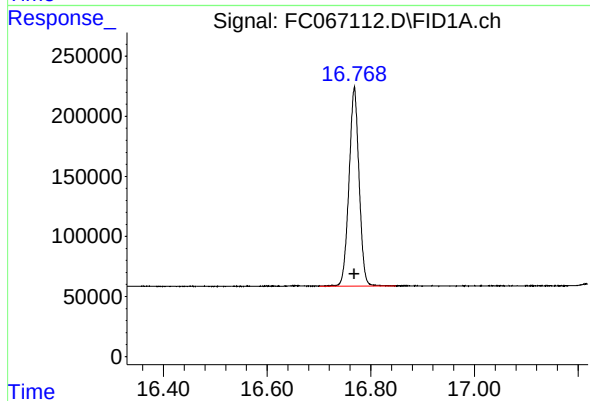
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.000 min
Response: 2359191
Conc: 20.77 ug/ml



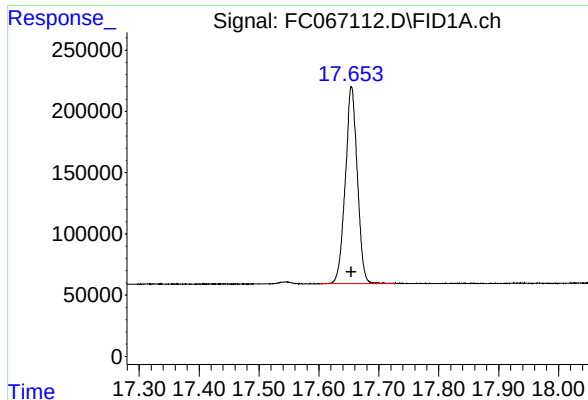
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.002 min
Response: 2286387
Conc: 20.63 ug/ml



#16 n-Octacosane (C28)

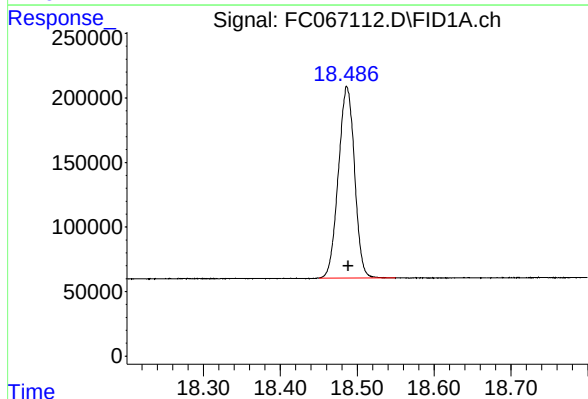
R.T.: 16.768 min
Delta R.T.: 0.000 min
Response: 2227704
Conc: 20.62 ug/ml



#17 n-Tricontane (C30)

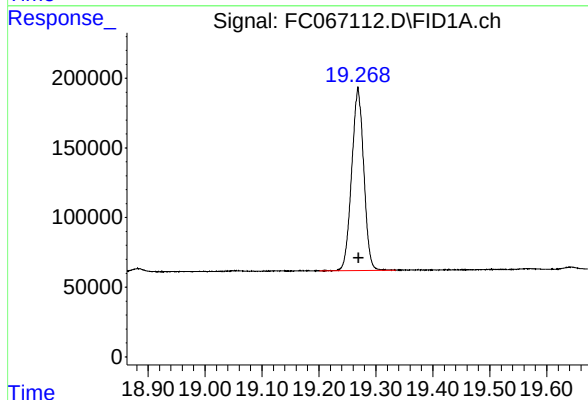
R.T.: 17.654 min
Delta R.T.: 0.000 min
Response: 2245529
Conc: 20.64 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



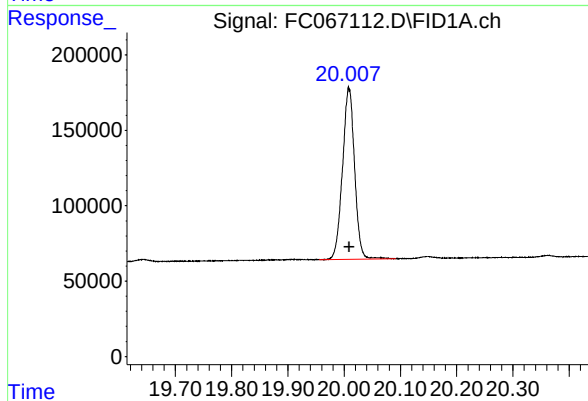
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.002 min
Response: 2160874
Conc: 20.72 ug/ml



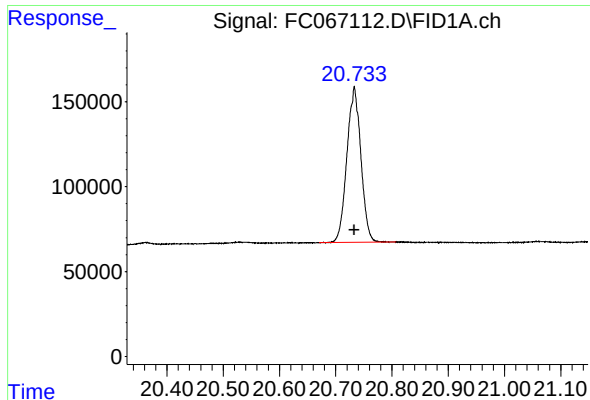
#19 n-Tetatriacontane (C34)

R.T.: 19.269 min
Delta R.T.: -0.001 min
Response: 1924210
Conc: 20.86 ug/ml



#20 n-Hexatriacontane (C36)

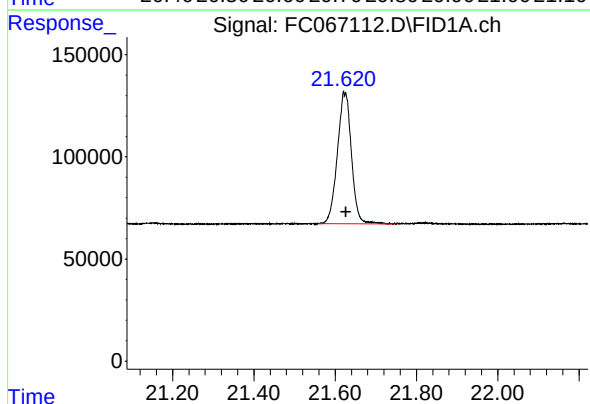
R.T.: 20.009 min
Delta R.T.: 0.000 min
Response: 1695390
Conc: 21.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: 0.000 min
Response: 1585239
Conc: 21.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: -0.003 min
Response: 1547565
Conc: 22.15 ug/ml