

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F123124AL\
 Data File : FC068087.D
 Signal(s) : FID1A.ch
 Acq On : 31 Dec 2024 13:27
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 31 14:10:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 12:18:53 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)	11.435	3111446	20.231 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
12) S 1-chlorooctadecane (S...	12.875	2290462	20.179 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
Target Compounds			
1) T n-Nonane (C9)	3.237	2781438	20.278 ug/ml
2) T n-Decane (C10)	4.295	2808518	20.321 ug/ml
3) T A~Naphthalene (C11.7)	5.865	3056293	20.325 ug/ml
4) T n-Dodecane (C12)	6.305	2807980	20.306 ug/ml
5) T A~2-methylnaphthalene...	6.918	2935902	20.341 ug/ml
6) T n-Tetradecane (C14)	8.093	2747694	20.332 ug/ml
7) T n-Hexadecane (C16)	9.690	2783766	20.284 ug/ml
8) T n-Octadecane (C18)	11.128	2785338	20.234 ug/ml
10) T n-Eicosane (C20)	12.434	2647396	20.181 ug/ml
11) T n-Heneicosane (C21)	13.044	2588907	20.141 ug/ml
13) T n-Docosane (C22)	13.629	2554461	20.141 ug/ml
14) T n-Tetracosane (C24)	14.730	2509518	20.102 ug/ml
15) T n-Hexacosane (C26)	15.748	2443957	20.058 ug/ml
16) T n-Octacosane (C28)	16.696	2375776	19.993 ug/ml
17) T n-Tricontane (C30)	17.582	2382911	19.966 ug/ml
18) T n-Dotriacontane (C32)	18.413	2277135	20.014 ug/ml
19) T n-Tetratriacontane (C34)	19.194	1992017	20.012 ug/ml
20) T n-Hexatriacontane (C36)	19.933	1724369	19.841 ug/ml
21) T n-Octatriacontane (C38)	20.648	1646351	19.927 ug/ml
22) T n-Tetracontane (C40)	21.511	1610636	20.020 ug/ml

(f)=RT Delta > 1/2 Window

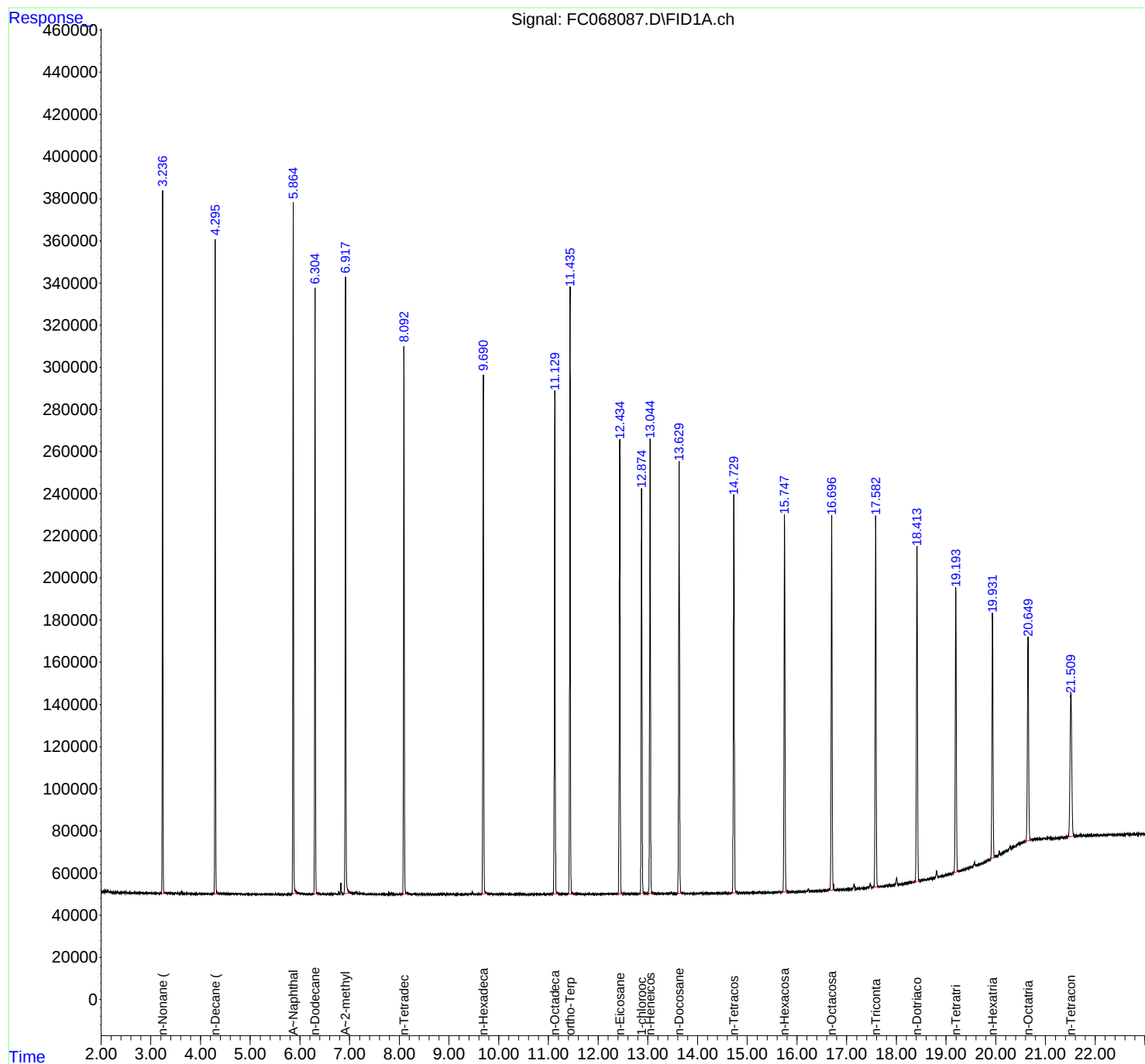
(m)=manual int.

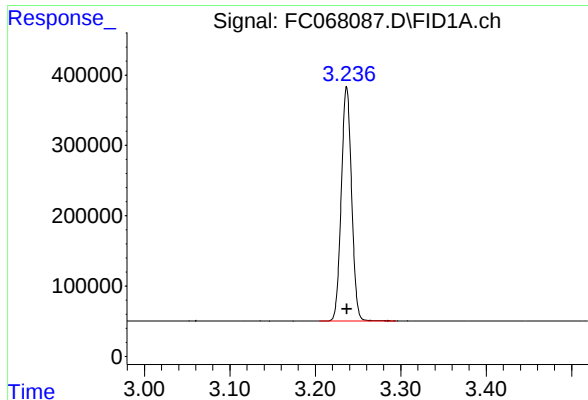
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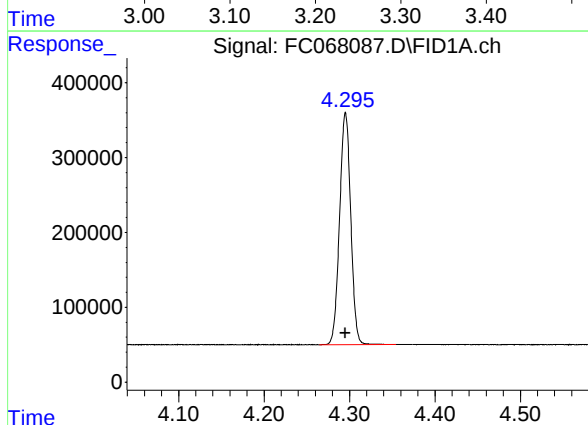




#1 n-Nonane (C9)

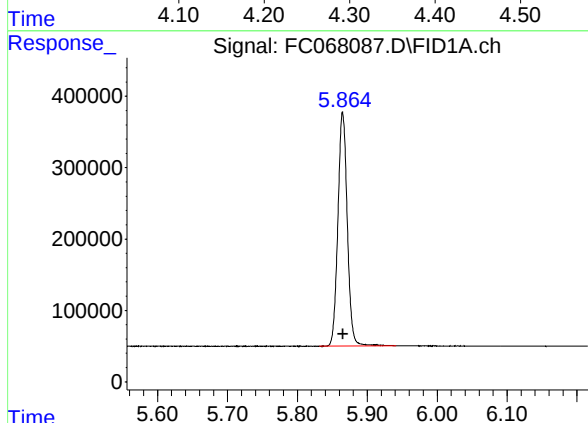
R.T.: 3.237 min
Delta R.T.: 0.000 min
Response: 2781438
Conc: 20.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



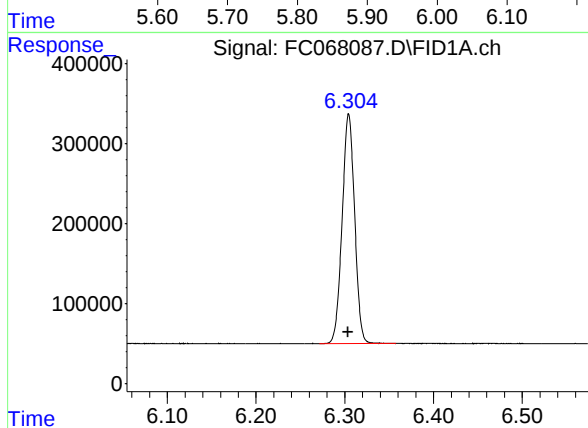
#2 n-Decane (C10)

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 2808518
Conc: 20.32 ug/ml



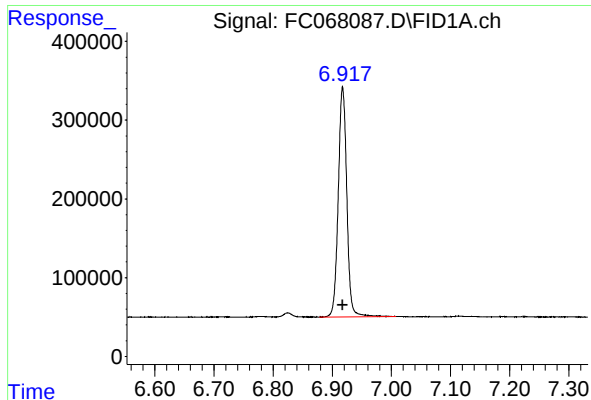
#3 A~Naphthalene (C11.7)

R.T.: 5.865 min
Delta R.T.: 0.000 min
Response: 3056293
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

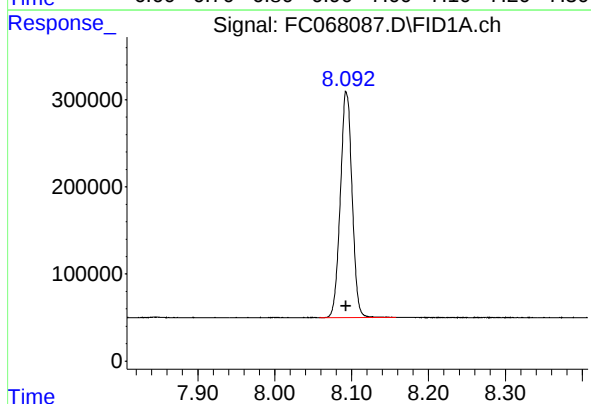
R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 2807980
Conc: 20.31 ug/ml



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

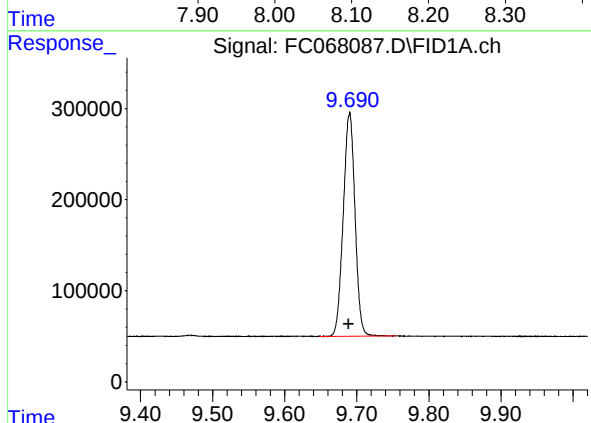
R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 2935902
Conc: 20.34 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



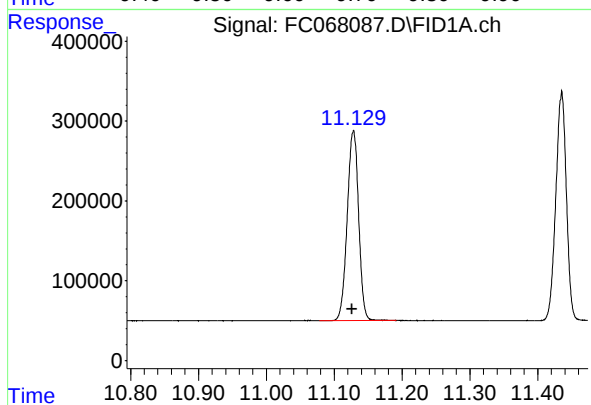
#6 n-Tetradecane (C14)

R.T.: 8.093 min
Delta R.T.: 0.000 min
Response: 2747694
Conc: 20.33 ug/ml



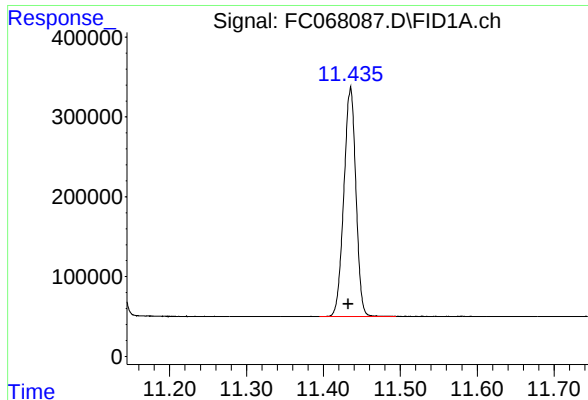
#7 n-Hexadecane (C16)

R.T.: 9.690 min
Delta R.T.: 0.001 min
Response: 2783766
Conc: 20.28 ug/ml



#8 n-Octadecane (C18)

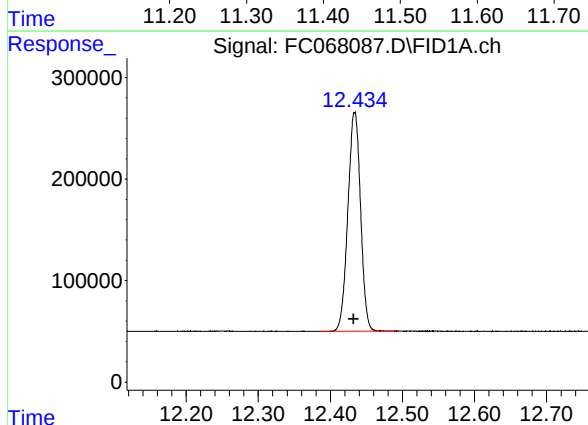
R.T.: 11.128 min
Delta R.T.: 0.002 min
Response: 2785338
Conc: 20.23 ug/ml



#9 ortho-Terphenyl (SURR)

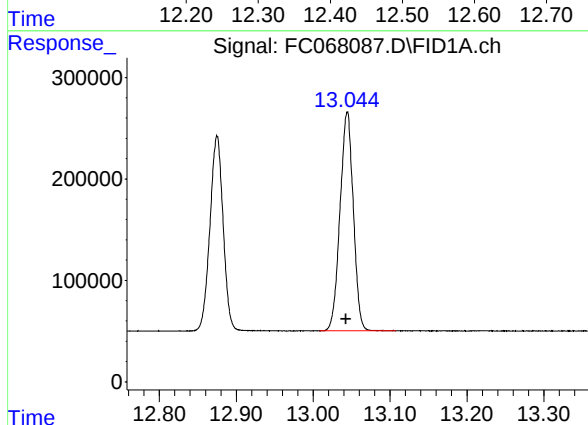
R.T.: 11.435 min
Delta R.T.: 0.003 min
Response: 3111446
Conc: 20.23 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



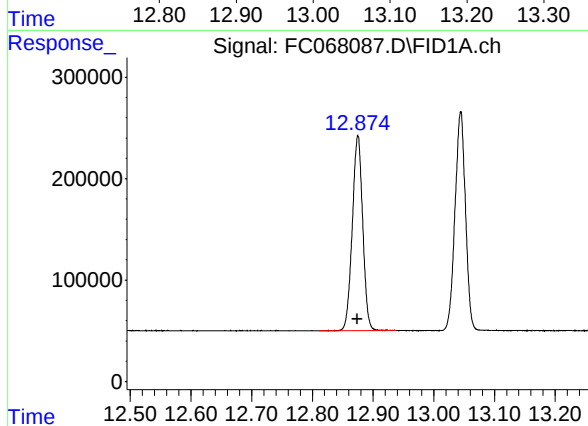
#10 n-Eicosane (C20)

R.T.: 12.434 min
Delta R.T.: 0.002 min
Response: 2647396
Conc: 20.18 ug/ml



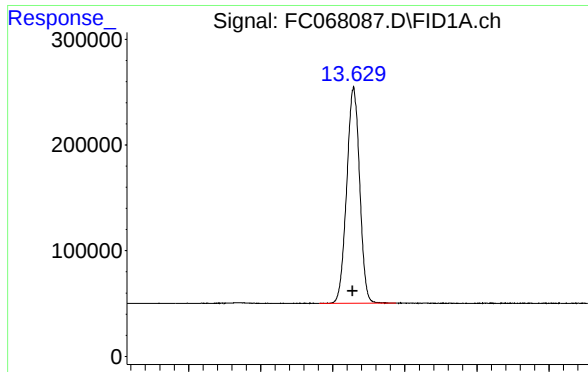
#11 n-Heneicosane (C21)

R.T.: 13.044 min
Delta R.T.: 0.002 min
Response: 2588907
Conc: 20.14 ug/ml



#12 1-chlorooctadecane (SURR)

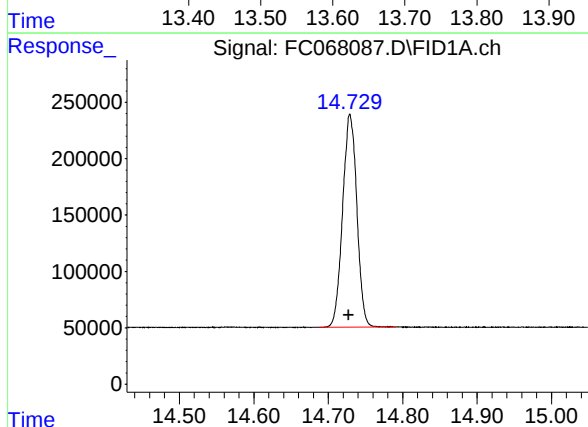
R.T.: 12.875 min
Delta R.T.: 0.001 min
Response: 2290462
Conc: 20.18 ug/ml



#13 n-Docosane (C22)

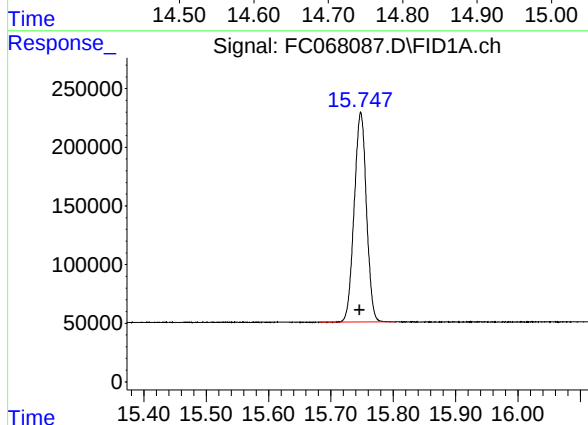
R.T.: 13.629 min
Delta R.T.: 0.001 min
Response: 2554461
Conc: 20.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



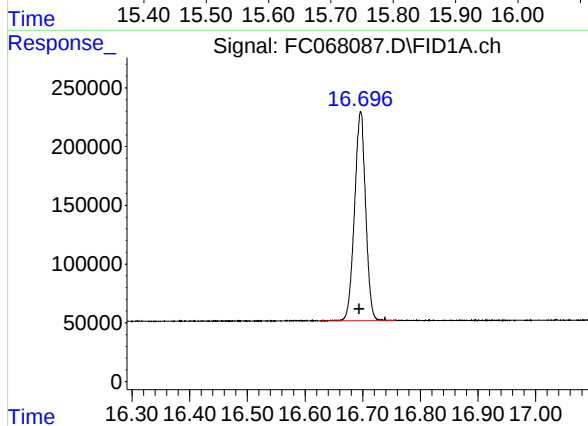
#14 n-Tetracosane (C24)

R.T.: 14.730 min
Delta R.T.: 0.002 min
Response: 2509518
Conc: 20.10 ug/ml



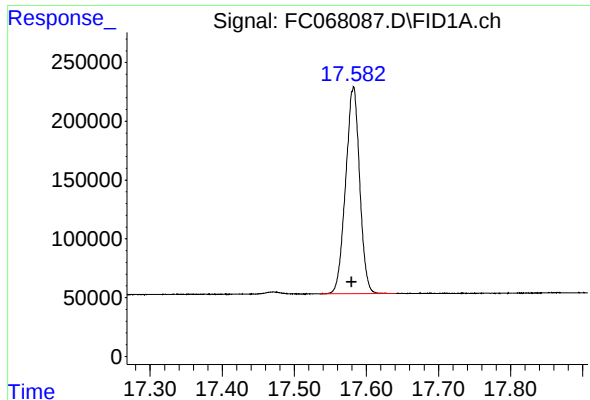
#15 n-Hexacosane (C26)

R.T.: 15.748 min
Delta R.T.: 0.002 min
Response: 2443957
Conc: 20.06 ug/ml



#16 n-Octacosane (C28)

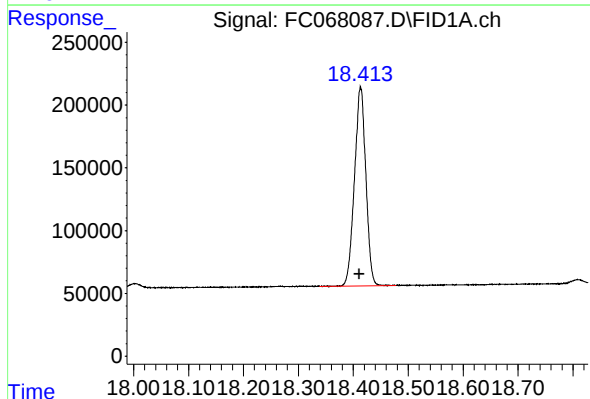
R.T.: 16.696 min
Delta R.T.: 0.002 min
Response: 2375776
Conc: 19.99 ug/ml



#17 n-Tricontane (C30)

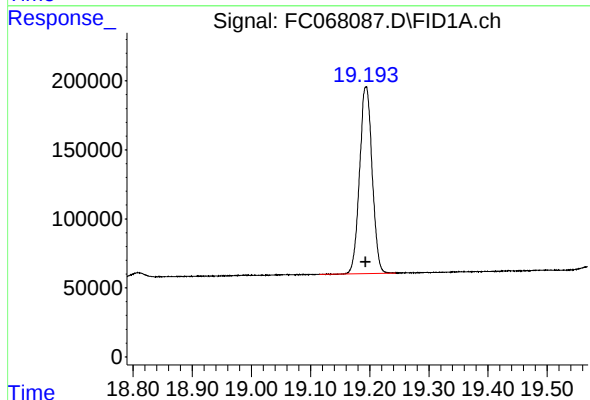
R.T.: 17.582 min
Delta R.T.: 0.002 min
Response: 2382911
Conc: 19.97 ug/ml

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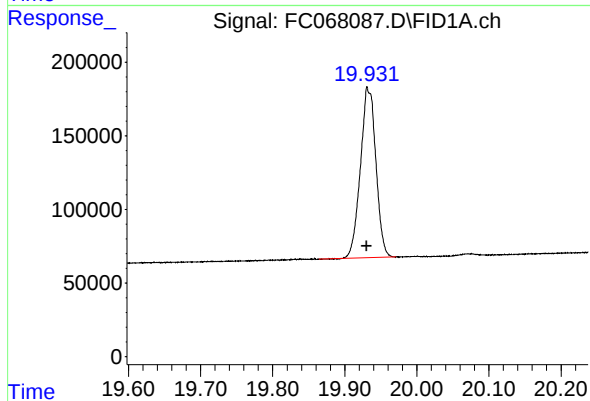
#18 n-Dotriacontane (C32)

R.T.: 18.413 min
Delta R.T.: 0.002 min
Response: 2277135
Conc: 20.01 ug/ml



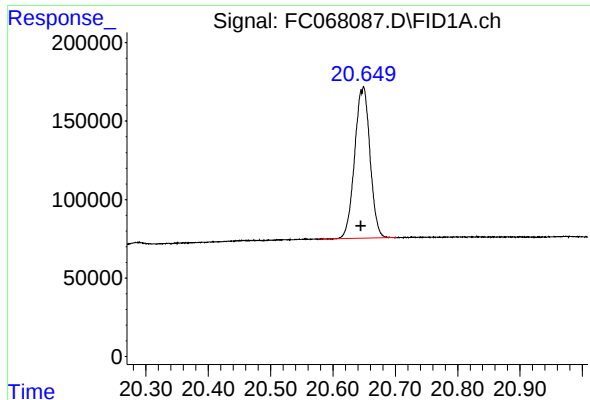
#19 n-Tetatriacontane (C34)

R.T.: 19.194 min
Delta R.T.: 0.000 min
Response: 1992017
Conc: 20.01 ug/ml



#20 n-Hexatriacontane (C36)

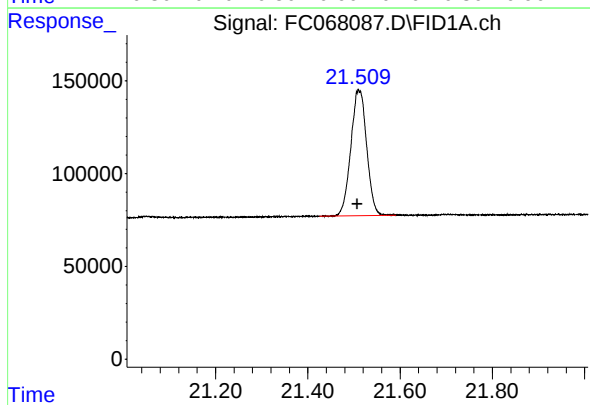
R.T.: 19.933 min
Delta R.T.: 0.002 min
Response: 1724369
Conc: 19.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.648 min
Delta R.T.: 0.003 min
Response: 1646351
Conc: 19.93 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.511 min
Delta R.T.: 0.004 min
Response: 1610636
Conc: 20.02 ug/ml