

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC033125AL\
 Data File : FC068444.D
 Signal(s) : FID1A.ch
 Acq On : 31 Mar 2025 11:17
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 01 03:16:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 13:35:27 2025
 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)	11.384	3818492	19.224 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
12) S 1-chlorooctadecane (S...	12.826	2866328	19.227 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
Target Compounds			
1) T n-Nonane (C9)	3.198	3085351	19.290 ug/ml
2) T n-Decane (C10)	4.253	3165845	19.529 ug/ml
3) T A~Naphthalene (C11.7)	5.817	3454724	19.554 ug/ml
4) T n-Dodecane (C12)	6.259	3213893	19.489 ug/ml
5) T A~2-methylnaphthalene...	6.869	3333799	19.600 ug/ml
6) T n-Tetradecane (C14)	8.048	3196797	19.429 ug/ml
7) T n-Hexadecane (C16)	9.643	3359553	19.549 ug/ml
8) T n-Octadecane (C18)	11.080	3438134	19.588 ug/ml
10) T n-Eicosane (C20)	12.386	3325991	19.420 ug/ml
11) T n-Heneicosane (C21)	12.997	3260030	19.435 ug/ml
13) T n-Docosane (C22)	13.582	3244842	19.234 ug/ml
14) T n-Tetracosane (C24)	14.680	3193673	18.648 ug/ml
15) T n-Hexacosane (C26)	15.699	3103509	18.440 ug/ml
16) T n-Octacosane (C28)	16.648	3066562	18.339 ug/ml
17) T n-Tricontane (C30)	17.534	3212242	18.423 ug/ml
18) T n-Dotriacontane (C32)	18.365	3096514	18.497 ug/ml
19) T n-Tetratriacontane (C34)	19.148	2628464	17.820 ug/ml
20) T n-Hexatriacontane (C36)	19.887	2168292	17.718 ug/ml
21) T n-Octatriacontane (C38)	20.597	1952934	18.186 ug/ml
22) T n-Tetracontane (C40)	21.446	1805612	18.424 ug/ml

(f)=RT Delta > 1/2 Window

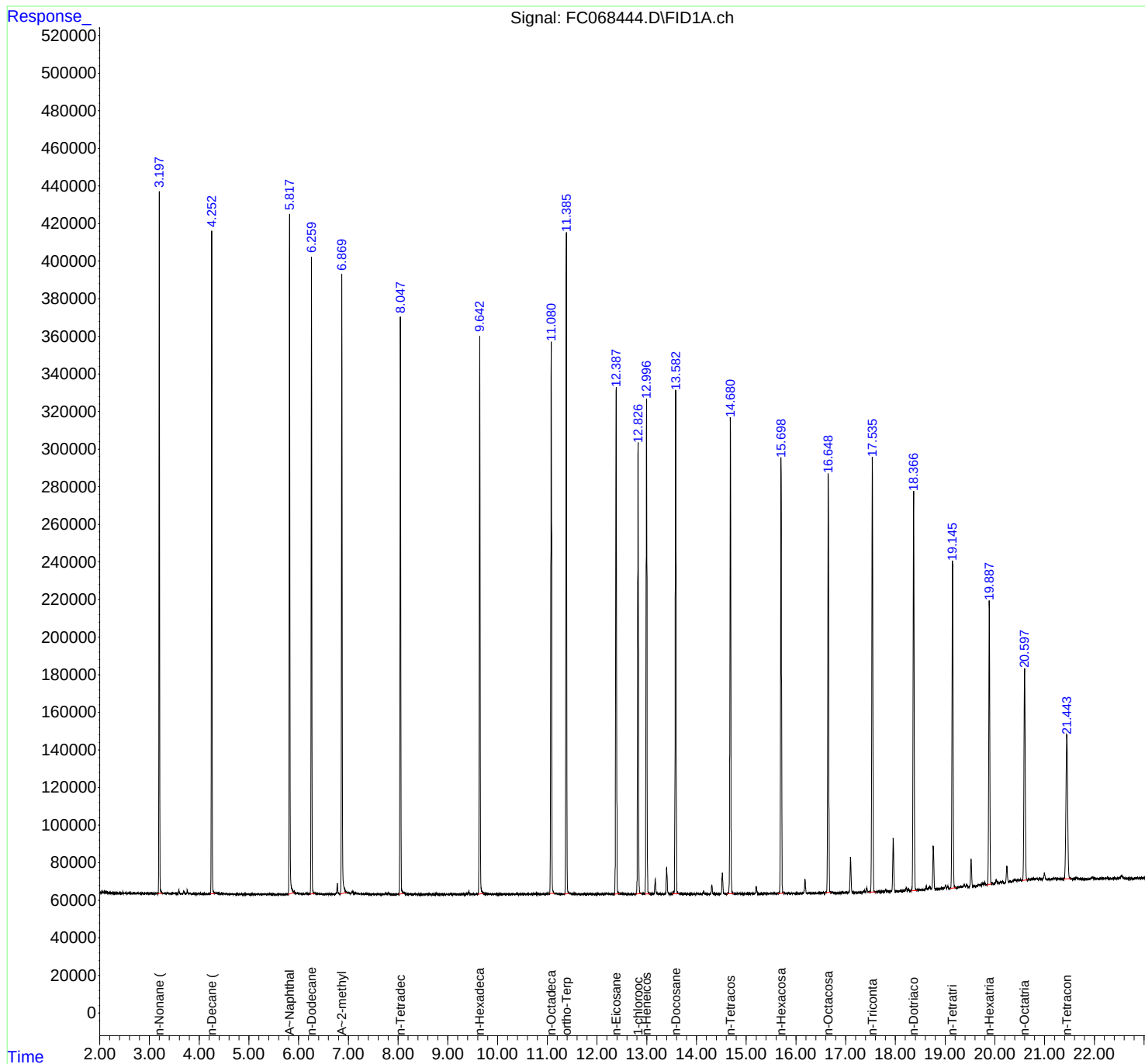
(m)=manual int.

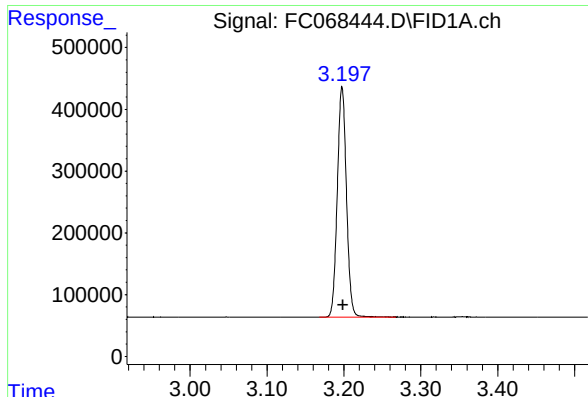
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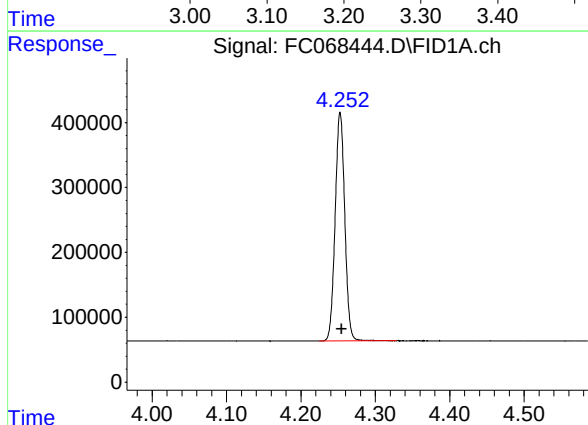




#1 n-Nonane (C9)

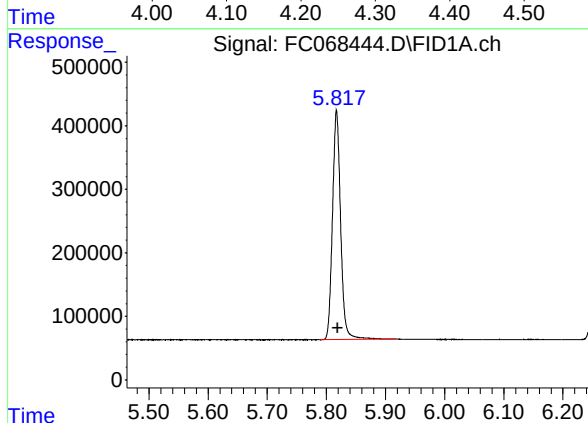
R.T.: 3.198 min
Delta R.T.: -0.001 min
Response: 3085351
Conc: 19.29 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



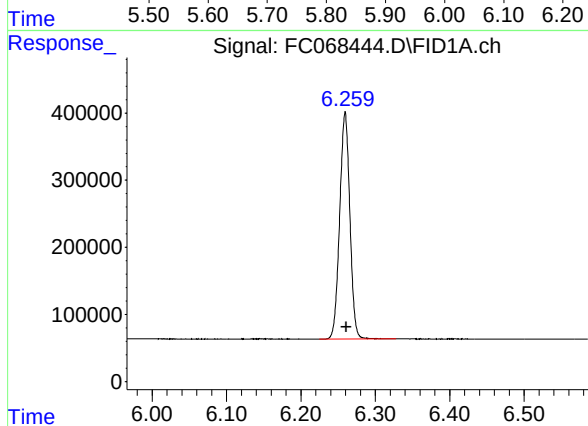
#2 n-Decane (C10)

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 3165845
Conc: 19.53 ug/ml



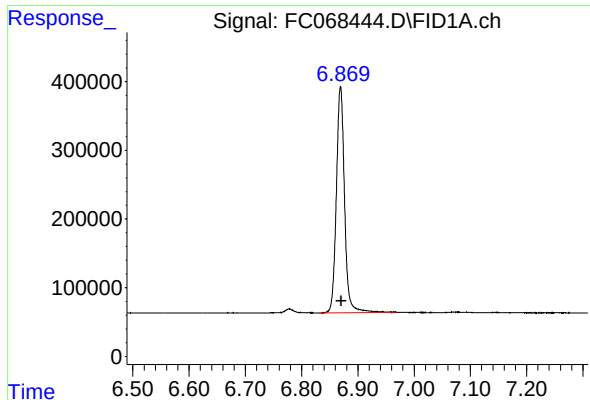
#3 A~Naphthalene (C11.7)

R.T.: 5.817 min
Delta R.T.: -0.002 min
Response: 3454724
Conc: 19.55 ug/ml



#4 n-Dodecane (C12)

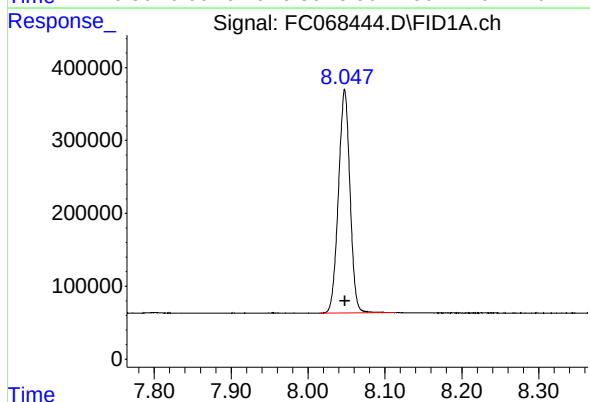
R.T.: 6.259 min
Delta R.T.: -0.002 min
Response: 3213893
Conc: 19.49 ug/ml



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

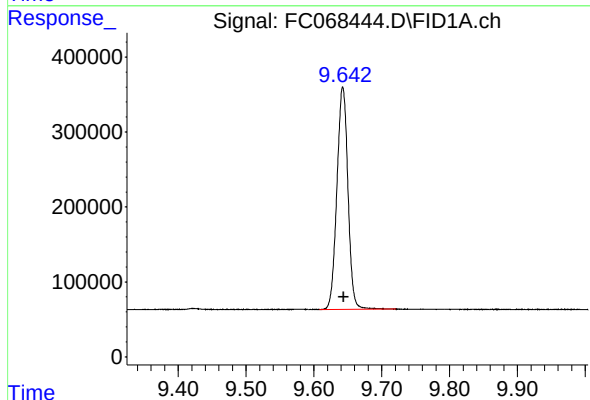
R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 3333799
Conc: 19.60 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



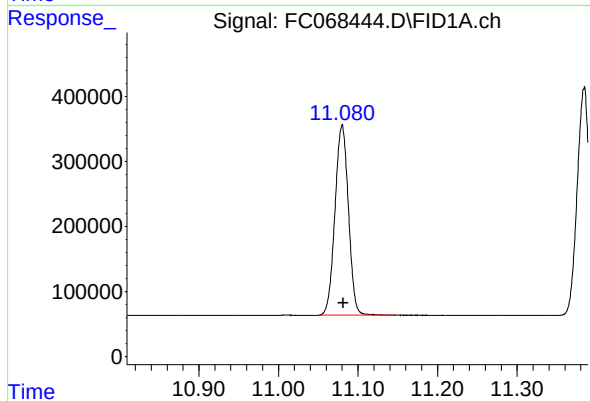
#6 n-Tetradecane (C14)

R.T.: 8.048 min
Delta R.T.: 0.000 min
Response: 3196797
Conc: 19.43 ug/ml



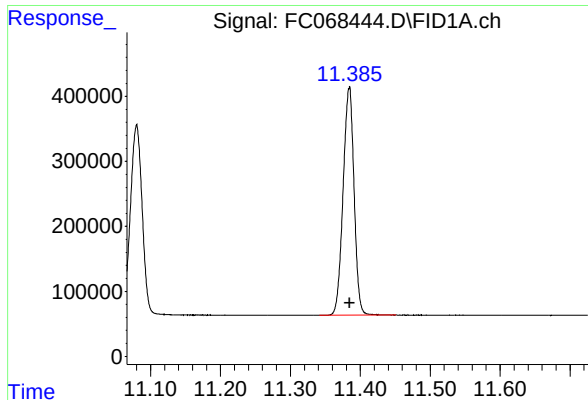
#7 n-Hexadecane (C16)

R.T.: 9.643 min
Delta R.T.: -0.001 min
Response: 3359553
Conc: 19.55 ug/ml



#8 n-Octadecane (C18)

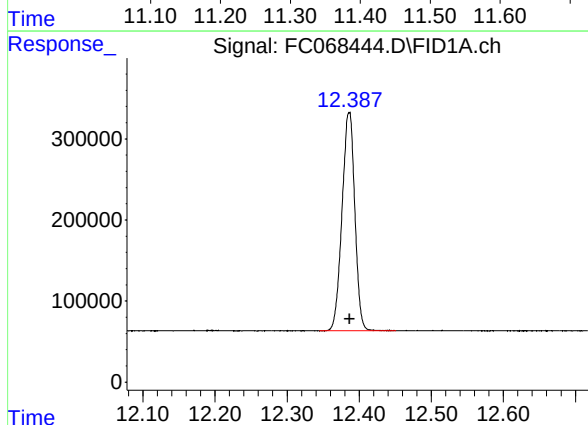
R.T.: 11.080 min
Delta R.T.: -0.001 min
Response: 3438134
Conc: 19.59 ug/ml



#9 ortho-Terphenyl (SURR)

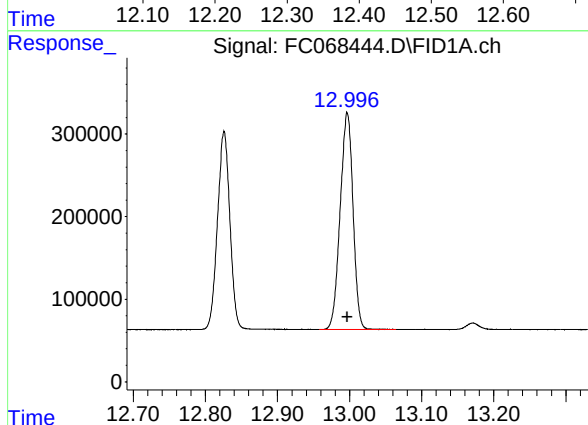
R.T.: 11.384 min
Delta R.T.: -0.001 min
Response: 3818492
Conc: 19.22 ug/ml

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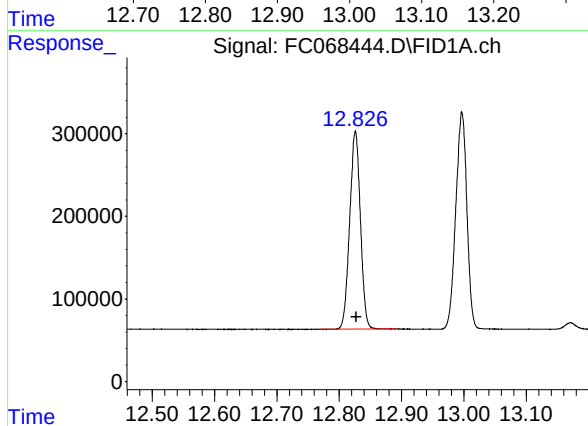
#10 n-Eicosane (C20)

R.T.: 12.386 min
Delta R.T.: 0.000 min
Response: 3325991
Conc: 19.42 ug/ml



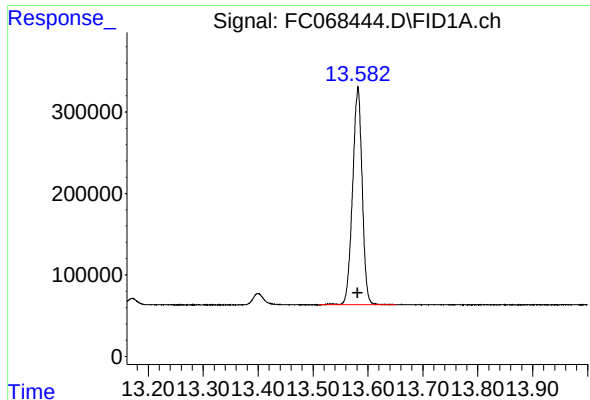
#11 n-Heneicosane (C21)

R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 3260030
Conc: 19.43 ug/ml



#12 1-chlorooctadecane (SURR)

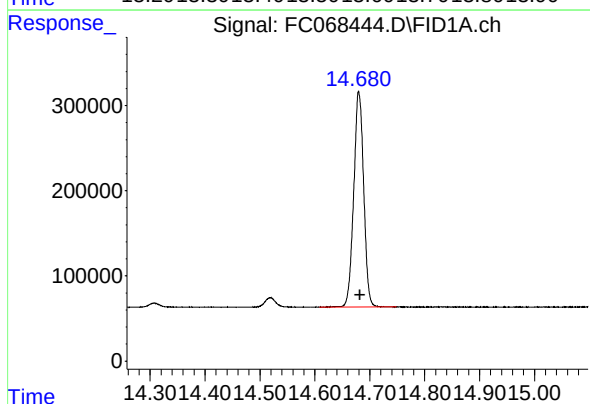
R.T.: 12.826 min
Delta R.T.: -0.001 min
Response: 2866328
Conc: 19.23 ug/ml



#13 n-Docosane (C22)

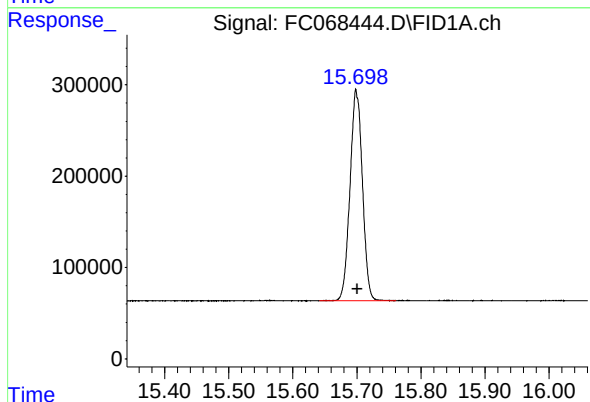
R.T.: 13.582 min
Delta R.T.: 0.000 min
Response: 3244842
Conc: 19.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



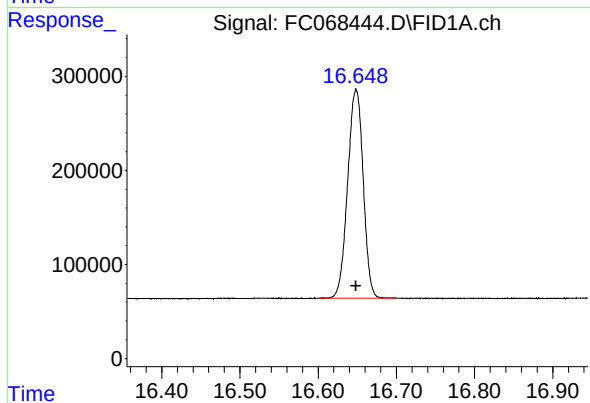
#14 n-Tetracosane (C24)

R.T.: 14.680 min
Delta R.T.: -0.002 min
Response: 3193673
Conc: 18.65 ug/ml



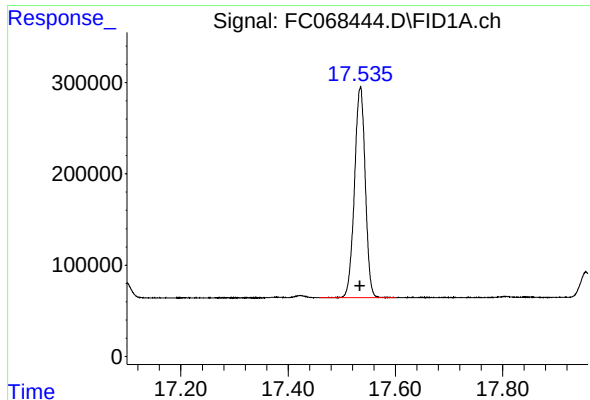
#15 n-Hexacosane (C26)

R.T.: 15.699 min
Delta R.T.: -0.001 min
Response: 3103509
Conc: 18.44 ug/ml



#16 n-Octacosane (C28)

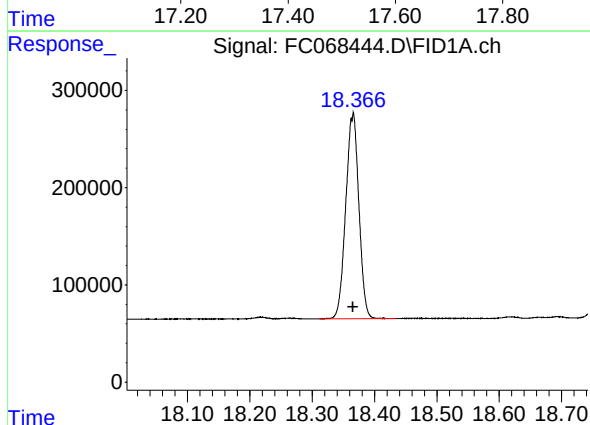
R.T.: 16.648 min
Delta R.T.: 0.000 min
Response: 3066562
Conc: 18.34 ug/ml



#17 n-Tricontane (C30)

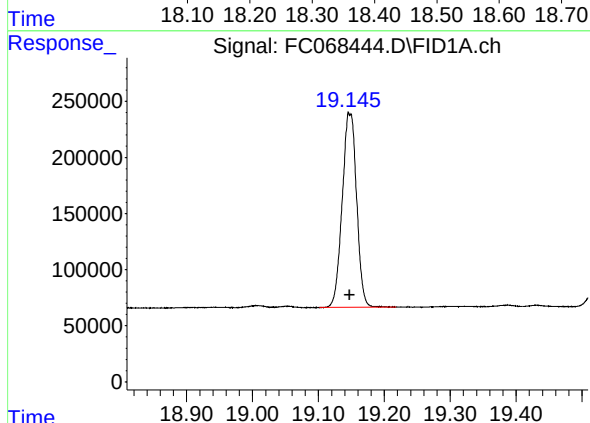
R.T.: 17.534 min
Delta R.T.: 0.000 min
Response: 3212242
Conc: 18.42 ug/ml

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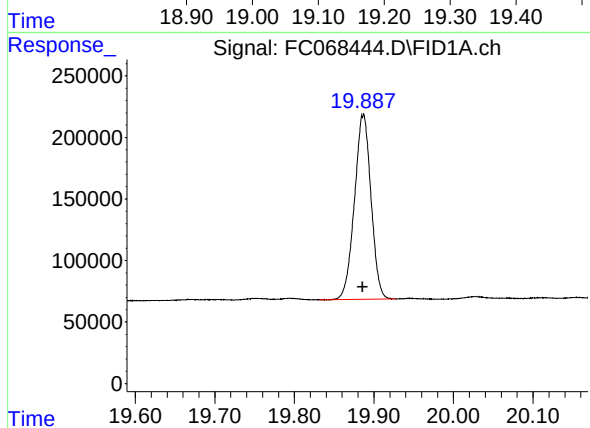
#18 n-Dotriacontane (C32)

R.T.: 18.365 min
Delta R.T.: 0.000 min
Response: 3096514
Conc: 18.50 ug/ml



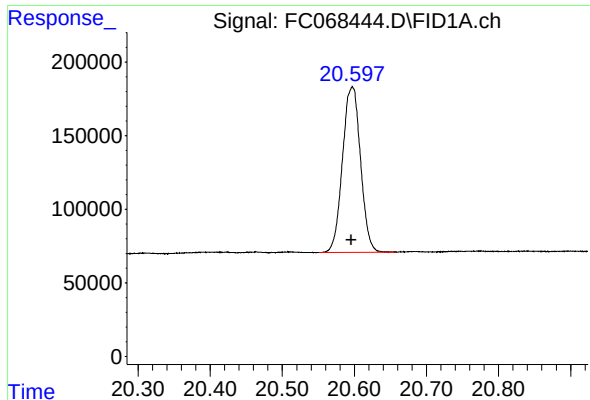
#19 n-Tetratriacontane (C34)

R.T.: 19.148 min
Delta R.T.: 0.000 min
Response: 2628464
Conc: 17.82 ug/ml



#20 n-Hexatriacontane (C36)

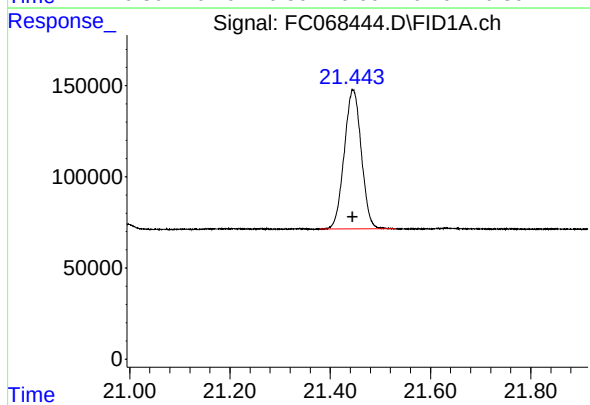
R.T.: 19.887 min
Delta R.T.: 0.000 min
Response: 2168292
Conc: 17.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.597 min
Delta R.T.: 0.000 min
Response: 1952934
Conc: 18.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.446 min
Delta R.T.: 0.001 min
Response: 1805612
Conc: 18.42 ug/ml