

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040125AL\
 Data File : FC068464.D
 Signal(s) : FID1A.ch
 Acq On : 01 Apr 2025 07:35
 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 08:20:28 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)	11.383	3774854	19.005 ug/ml
Spiked Amount 50.000		Recovery =	38.01%
12) S 1-chlorooctadecane (S...	12.825	2799660	18.780 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
Target Compounds			
1) T n-Nonane (C9)	3.197	3185020	19.914 ug/ml
2) T n-Decane (C10)	4.252	3280485	20.237 ug/ml
3) T A~Naphthalene (C11.7)	5.817	3599774	20.375 ug/ml
4) T n-Dodecane (C12)	6.259	3328297	20.183 ug/ml
5) T A~2-methylnaphthalene...	6.869	3477858	20.447 ug/ml
6) T n-Tetradecane (C14)	8.047	3306142	20.094 ug/ml
7) T n-Hexadecane (C16)	9.642	3416023	19.878 ug/ml
8) T n-Octadecane (C18)	11.080	3416098	19.462 ug/ml
10) T n-Eicosane (C20)	12.384	3257472	19.020 ug/ml
11) T n-Heneicosane (C21)	12.996	3179416	18.954 ug/ml
13) T n-Docosane (C22)	13.580	3158705	18.724 ug/ml
14) T n-Tetracosane (C24)	14.681	3110405	18.162 ug/ml
15) T n-Hexacosane (C26)	15.700	3024071	17.968 ug/ml
16) T n-Octacosane (C28)	16.649	2987283	17.865 ug/ml
17) T n-Tricontane (C30)	17.534	3136291	17.988 ug/ml
18) T n-Dotriacontane (C32)	18.365	3035197	18.131 ug/ml
19) T n-Tetratriacontane (C34)	19.148	2600830	17.633 ug/ml
20) T n-Hexatriacontane (C36)	19.885	2179334	17.808 ug/ml
21) T n-Octatriacontane (C38)	20.596	2006280	18.683 ug/ml
22) T n-Tetracontane (C40)	21.444	1910531	19.494 ug/ml

(f)=RT Delta > 1/2 Window

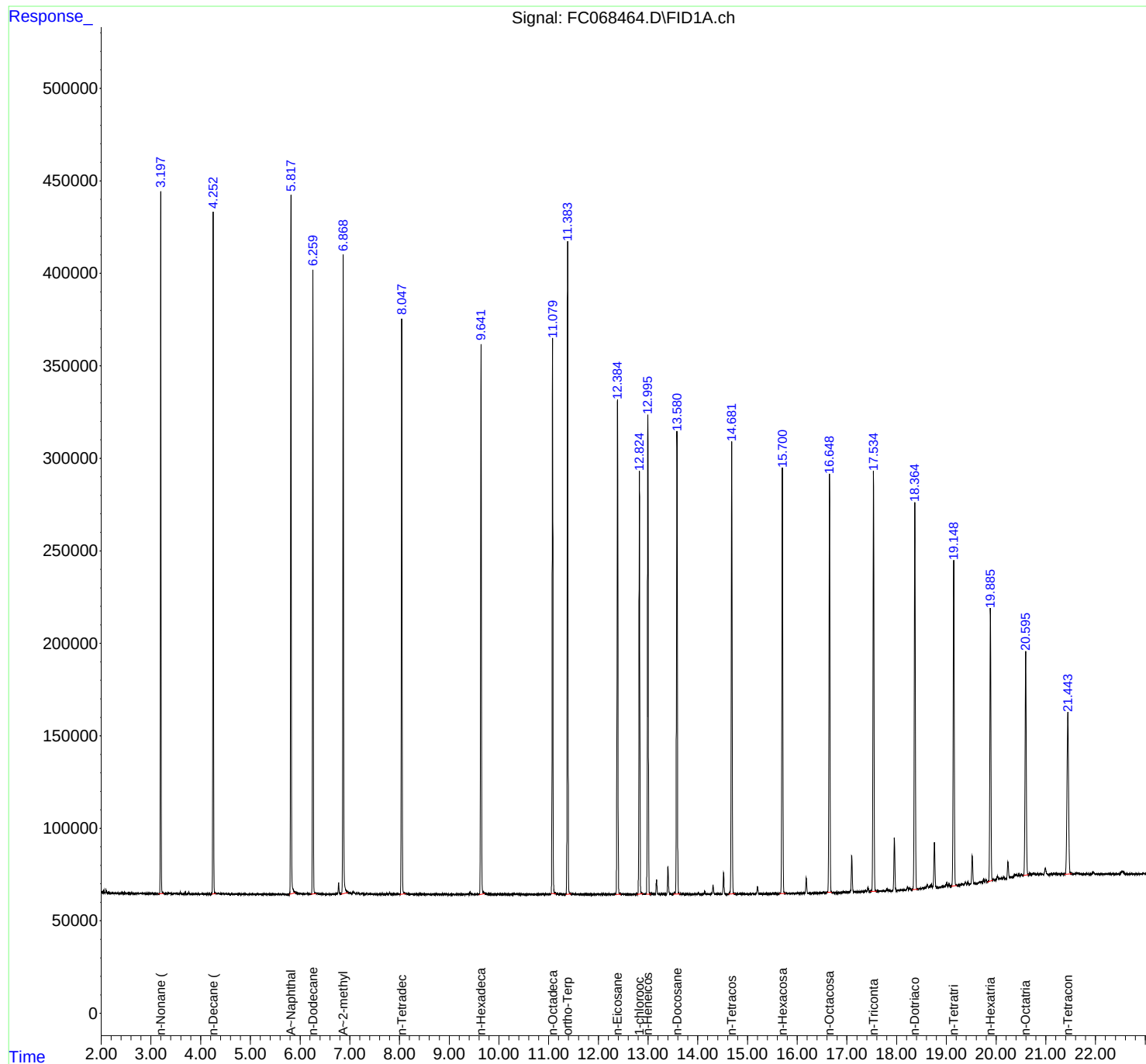
(m)=manual int.

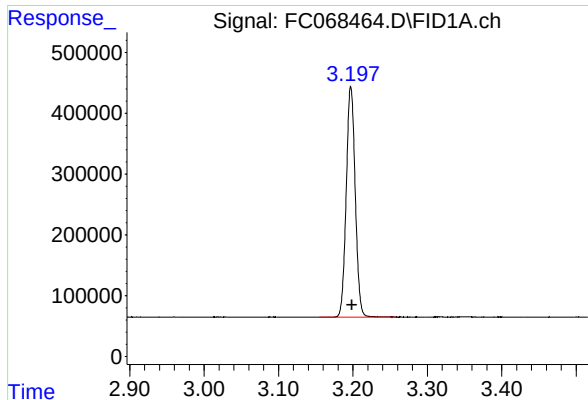
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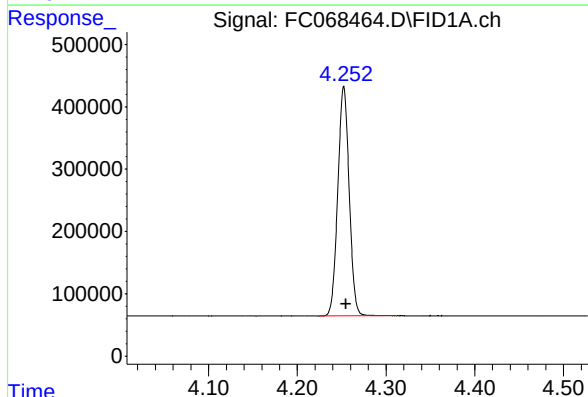




#1 n-Nonane (C9)

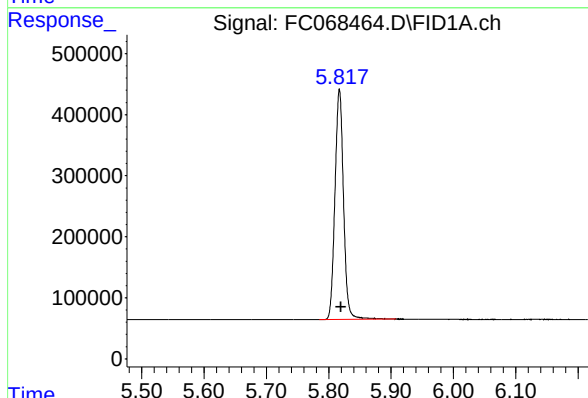
R.T.: 3.197 min
Delta R.T.: -0.002 min
Response: 3185020
Conc: 19.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



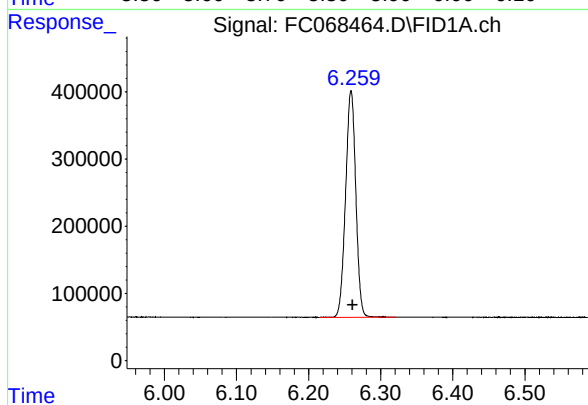
#2 n-Decane (C10)

R.T.: 4.252 min
Delta R.T.: -0.002 min
Response: 3280485
Conc: 20.24 ug/ml



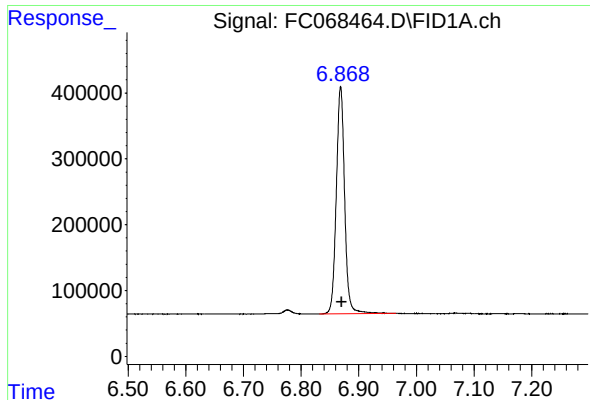
#3 A~Naphthalene (C11.7)

R.T.: 5.817 min
Delta R.T.: -0.002 min
Response: 3599774
Conc: 20.37 ug/ml



#4 n-Dodecane (C12)

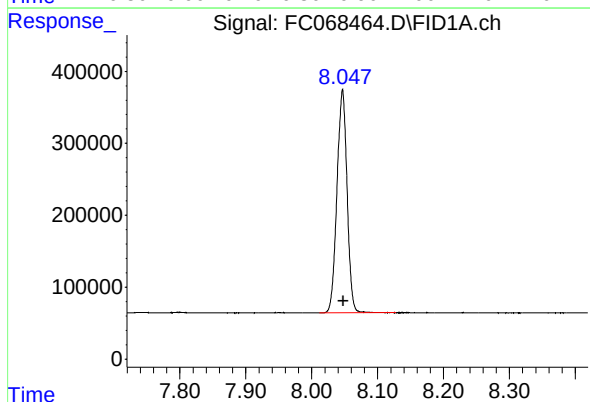
R.T.: 6.259 min
Delta R.T.: -0.002 min
Response: 3328297
Conc: 20.18 ug/ml



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

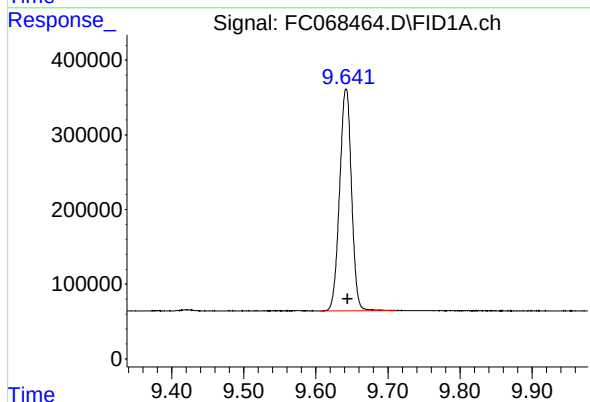
R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 3477858
Conc: 20.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



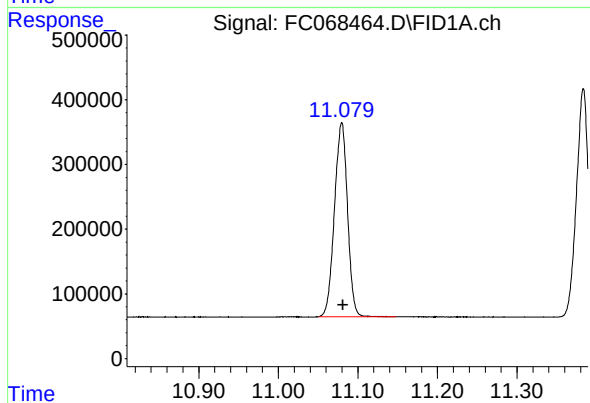
#6 n-Tetradecane (C14)

R.T.: 8.047 min
Delta R.T.: -0.002 min
Response: 3306142
Conc: 20.09 ug/ml



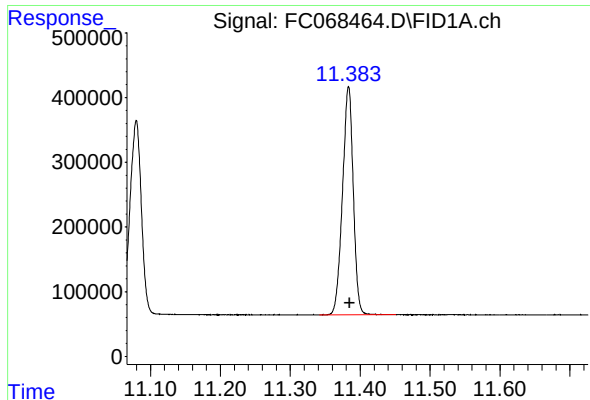
#7 n-Hexadecane (C16)

R.T.: 9.642 min
Delta R.T.: -0.002 min
Response: 3416023
Conc: 19.88 ug/ml



#8 n-Octadecane (C18)

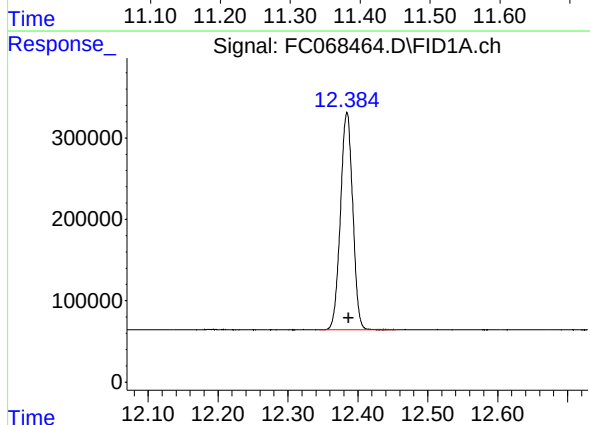
R.T.: 11.080 min
Delta R.T.: -0.002 min
Response: 3416098
Conc: 19.46 ug/ml



#9 ortho-Terphenyl (SURR)

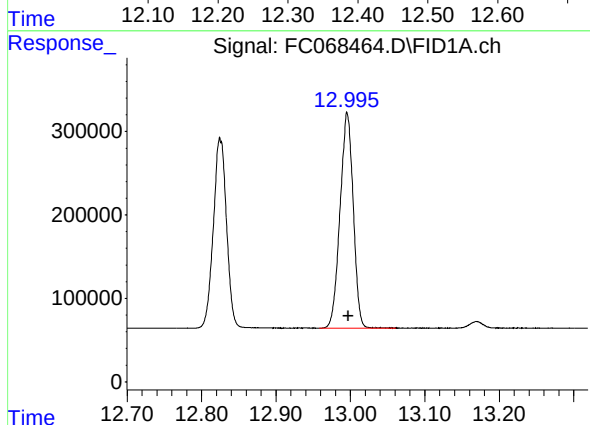
R.T.: 11.383 min
Delta R.T.: -0.002 min
Response: 3774854
Conc: 19.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



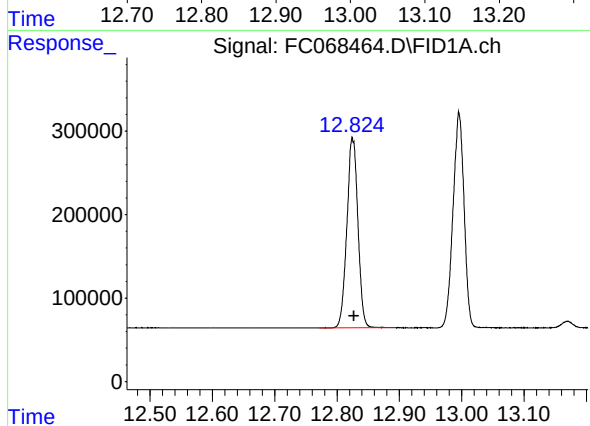
#10 n-Eicosane (C20)

R.T.: 12.384 min
Delta R.T.: -0.002 min
Response: 3257472
Conc: 19.02 ug/ml



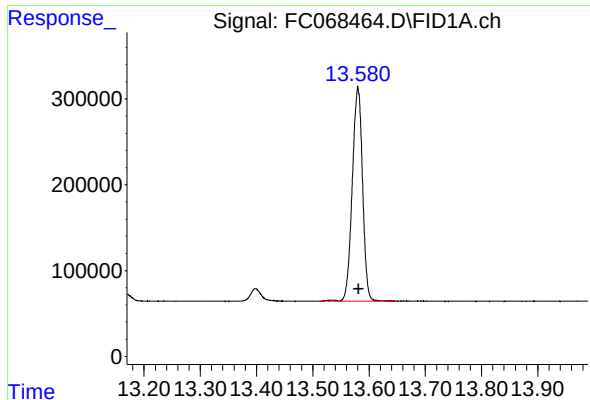
#11 n-Heneicosane (C21)

R.T.: 12.996 min
Delta R.T.: -0.001 min
Response: 3179416
Conc: 18.95 ug/ml



#12 1-chlorooctadecane (SURR)

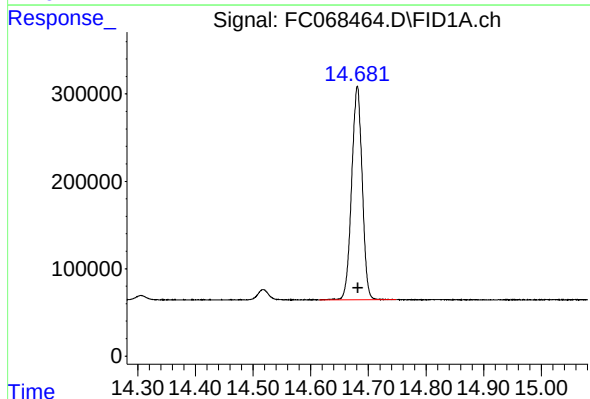
R.T.: 12.825 min
Delta R.T.: -0.002 min
Response: 2799660
Conc: 18.78 ug/ml



#13 n-Docosane (C22)

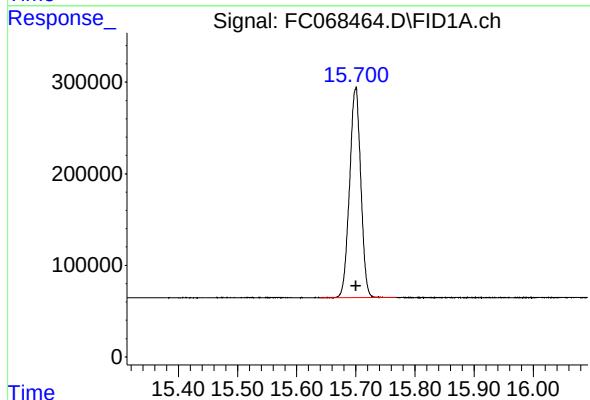
R.T.: 13.580 min
Delta R.T.: -0.002 min
Response: 3158705
Conc: 18.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



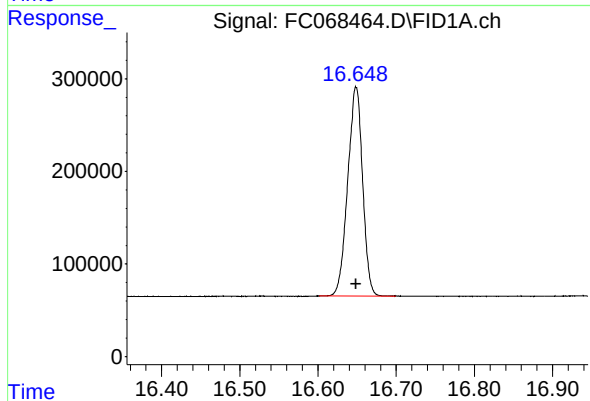
#14 n-Tetracosane (C24)

R.T.: 14.681 min
Delta R.T.: -0.002 min
Response: 3110405
Conc: 18.16 ug/ml



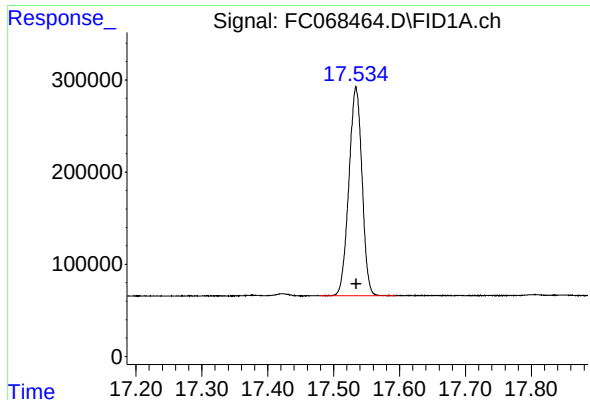
#15 n-Hexacosane (C26)

R.T.: 15.700 min
Delta R.T.: 0.000 min
Response: 3024071
Conc: 17.97 ug/ml



#16 n-Octacosane (C28)

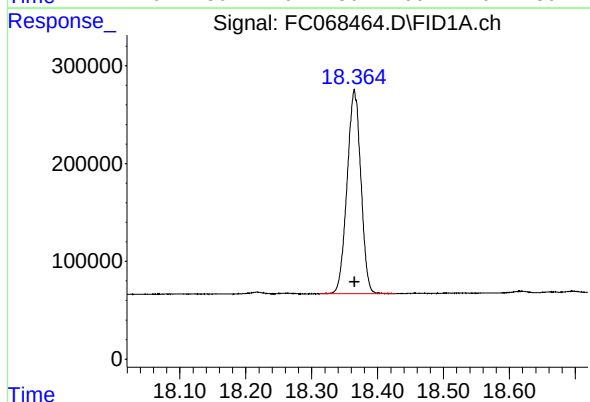
R.T.: 16.649 min
Delta R.T.: 0.000 min
Response: 2987283
Conc: 17.87 ug/ml



#17 n-Tricontane (C30)

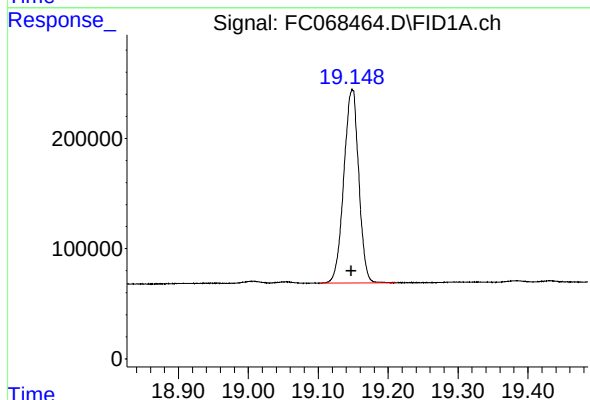
R.T.: 17.534 min
Delta R.T.: 0.000 min
Response: 3136291
Conc: 17.99 ug/ml

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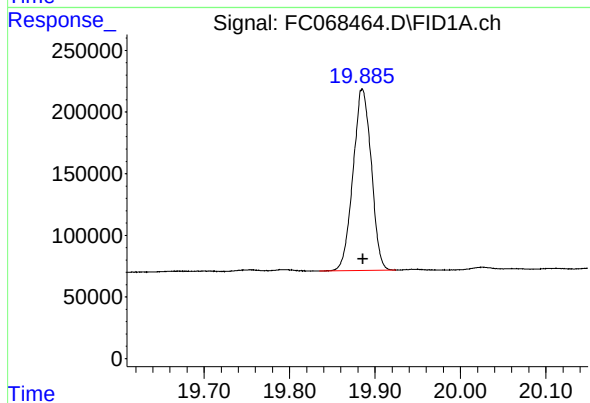
#18 n-Dotriacontane (C32)

R.T.: 18.365 min
Delta R.T.: 0.000 min
Response: 3035197
Conc: 18.13 ug/ml



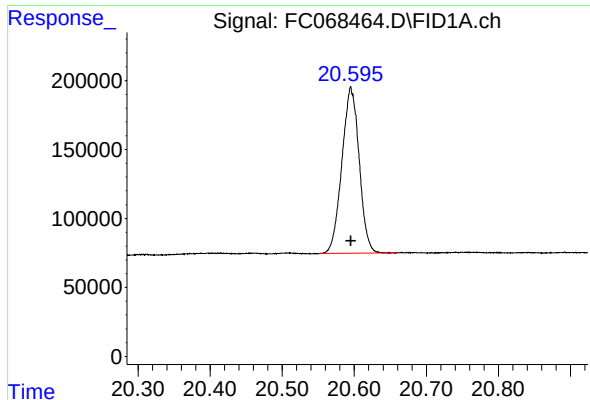
#19 n-Tetatriacontane (C34)

R.T.: 19.148 min
Delta R.T.: 0.000 min
Response: 2600830
Conc: 17.63 ug/ml



#20 n-Hexatriacontane (C36)

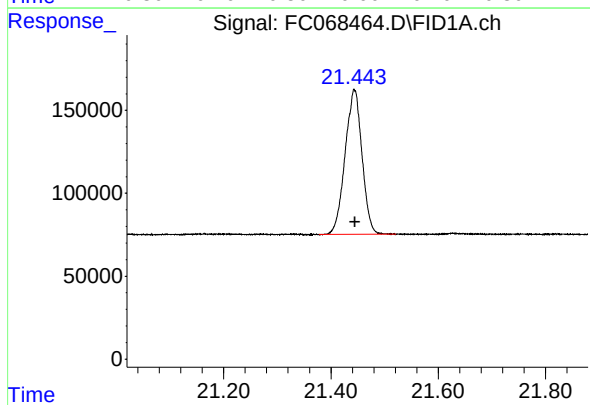
R.T.: 19.885 min
Delta R.T.: 0.000 min
Response: 2179334
Conc: 17.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.596 min
Delta R.T.: 0.000 min
Response: 2006280
Conc: 18.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.444 min
Delta R.T.: 0.000 min
Response: 1910531
Conc: 19.49 ug/ml