

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010923AL\
 Data File : FC062586.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jan 2023 10:41
 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: autoint1.e
 Quant Time: Jan 10 03:29:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:54:00 2023
 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)	11.557	2578881	18.253 ug/ml
Spiked Amount 50.000		Recovery =	36.51%
12) S 1-chlorooctadecane (S...	12.995	1907378	18.107 ug/ml
Spiked Amount 50.000		Recovery =	36.21%
Target Compounds			
1) T n-Nonane (C9)	3.310	2377834	17.782 ug/ml
2) T n-Decane (C10)	4.380	2345127	18.082 ug/ml
3) T A~Naphthalene (C11.7)	5.966	2648164	18.021 ug/ml
4) T n-Dodecane (C12)	6.403	2359549	18.359 ug/ml
5) T A~2-methylnaphthalene...	7.024	2468556	18.056 ug/ml
6) T n-Tetradecane (C14)	8.199	2330946	18.108 ug/ml
7) T n-Hexadecane (C16)	9.800	2354062	18.228 ug/ml
8) T n-Octadecane (C18)	11.242	2379566	18.375 ug/ml
10) T n-Eicosane (C20)	12.552	2284094	18.508 ug/ml
11) T n-Heneicosane (C21)	13.163	2270253	18.523 ug/ml
13) T n-Docosane (C22)	13.749	2241109	18.746 ug/ml
14) T n-Tetracosane (C24)	14.850	2238471	19.221 ug/ml
15) T n-Hexacosane (C26)	15.868	2181823	19.421 ug/ml
16) T n-Octacosane (C28)	16.817	2185724	19.906 ug/ml
17) T n-Tricontane (C30)	17.702	2226792	20.562 ug/ml
18) T n-Dotriacontane (C32)	18.534	2268893	20.783 ug/ml
19) T n-Tetratriacontane (C34)	19.316	2195317	20.193 ug/ml
20) T n-Hexatriacontane (C36)	20.053	2093856	18.824 ug/ml
21) T n-Octatriacontane (C38)	20.786	1988873	18.780 ug/ml
22) T n-Tetracontane (C40)	21.693	1955390	18.361 ug/ml

(f)=RT Delta > 1/2 Window

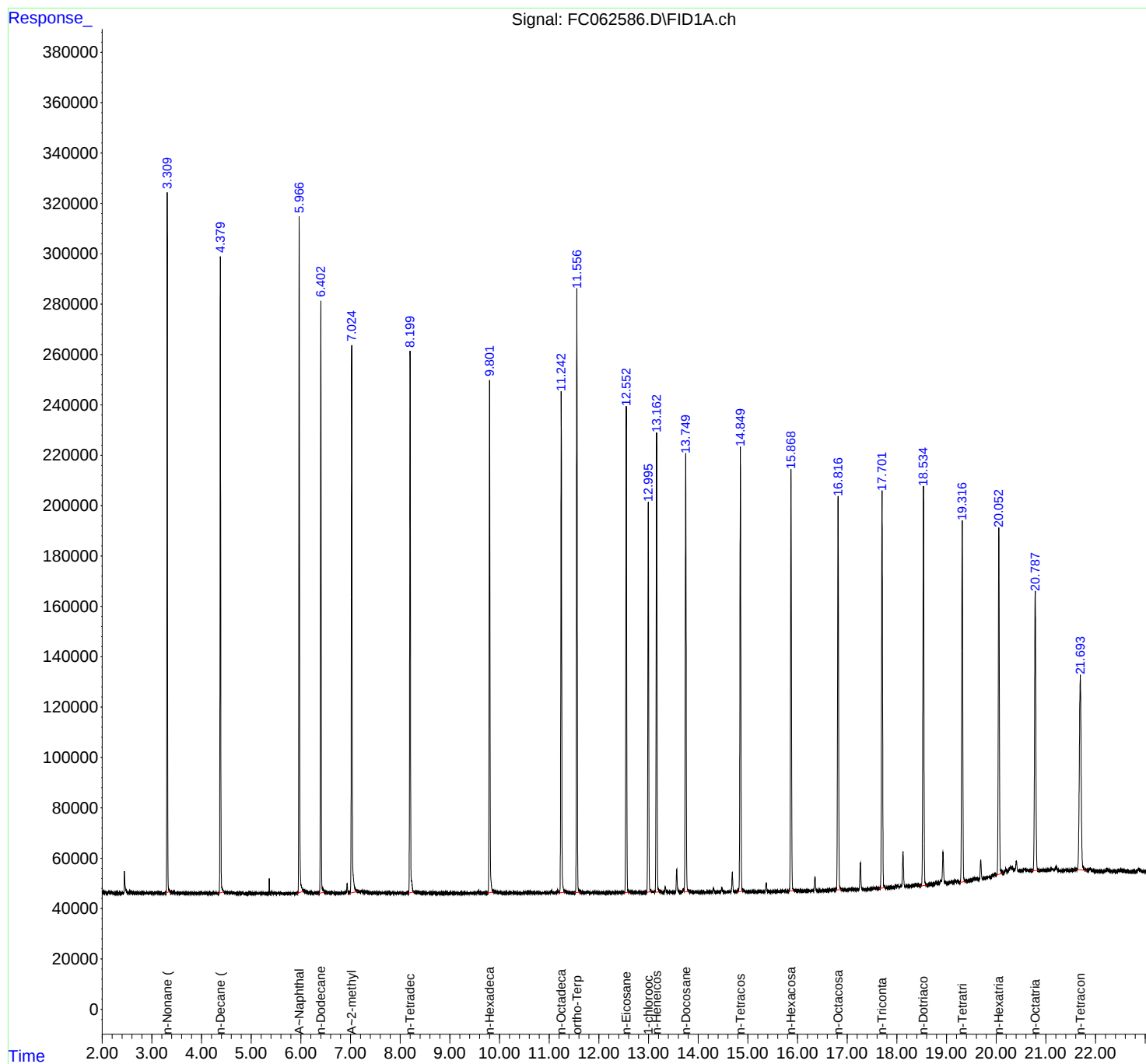
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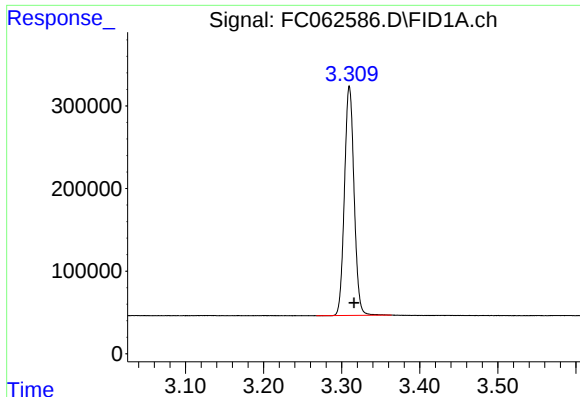
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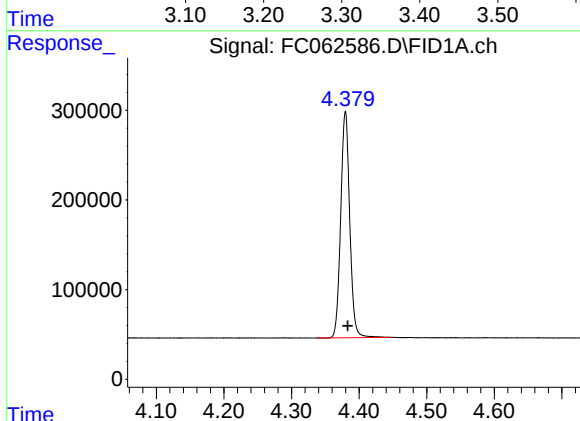




#1 n-Nonane (C9)

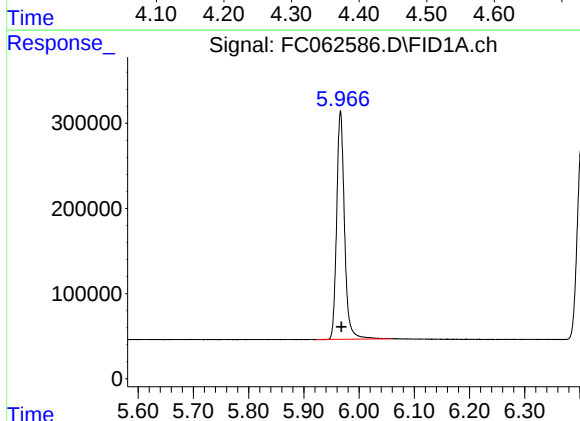
R.T.: 3.310 min
Delta R.T.: -0.006 min
Response: 2377834
Conc: 17.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



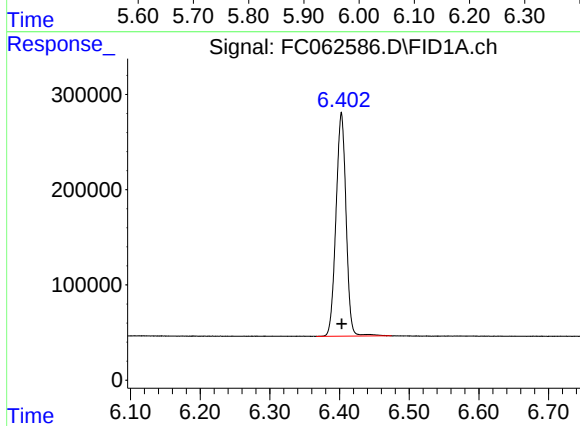
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 2345127
Conc: 18.08 ug/ml



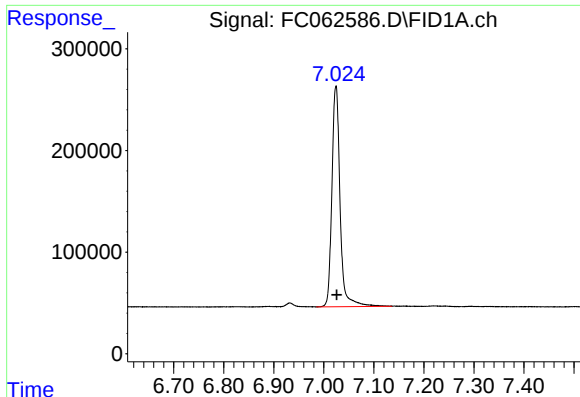
#3 A~Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 2648164
Conc: 18.02 ug/ml



#4 n-Dodecane (C12)

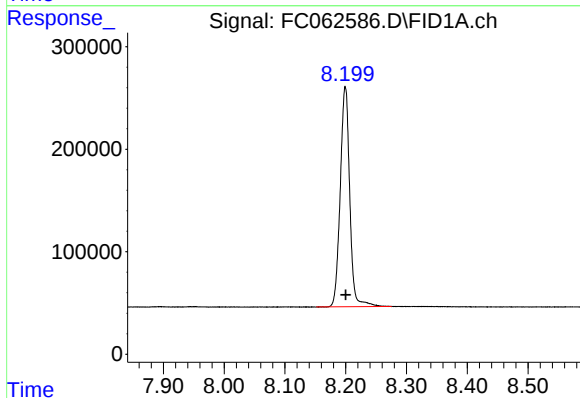
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 2359549
Conc: 18.36 ug/ml



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

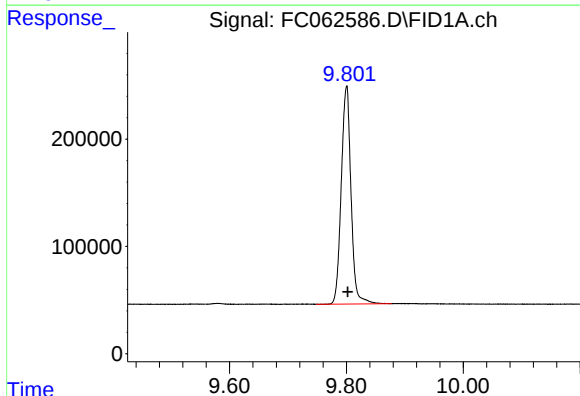
R.T.: 7.024 min
Delta R.T.: -0.001 min
Response: 2468556
Conc: 18.06 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



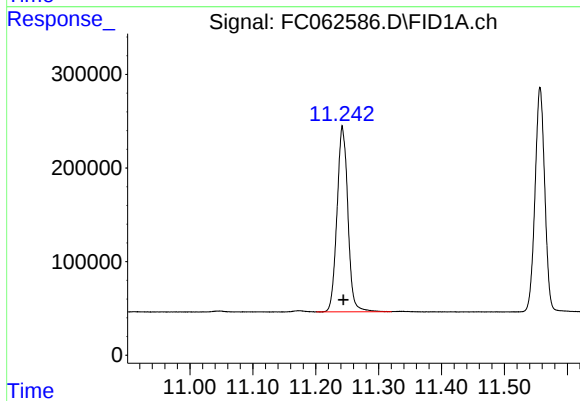
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 2330946
Conc: 18.11 ug/ml



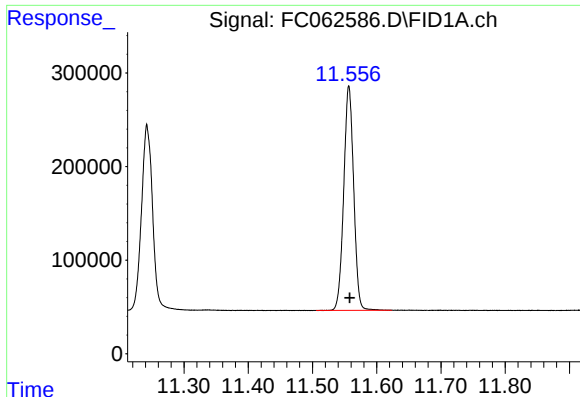
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.002 min
Response: 2354062
Conc: 18.23 ug/ml



#8 n-Octadecane (C18)

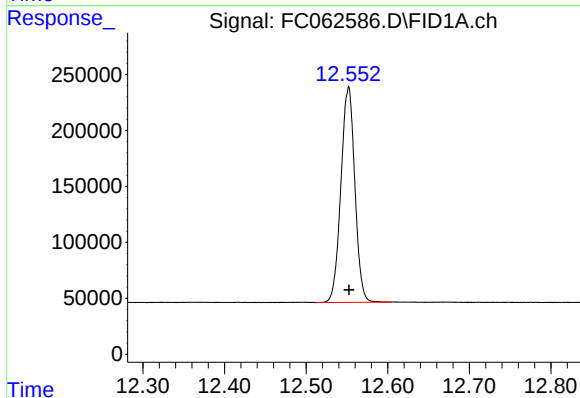
R.T.: 11.242 min
Delta R.T.: -0.001 min
Response: 2379566
Conc: 18.38 ug/ml



#9 ortho-Terphenyl (SURR)

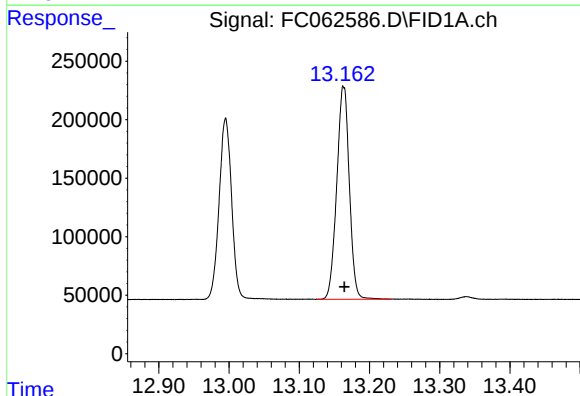
R.T.: 11.557 min
Delta R.T.: -0.002 min
Response: 2578881
Conc: 18.25 ug/ml

Instrument :
FID_C
ClientSampleId :
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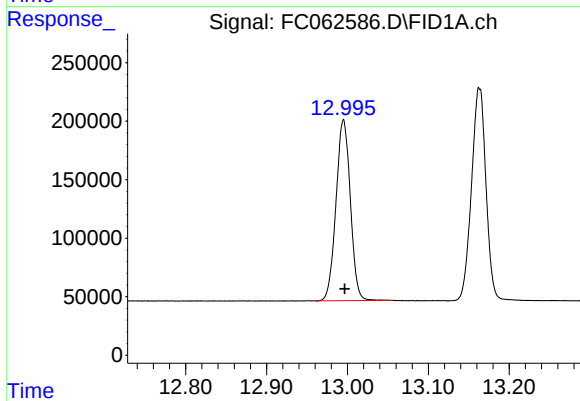
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: 0.000 min
Response: 2284094
Conc: 18.51 ug/ml



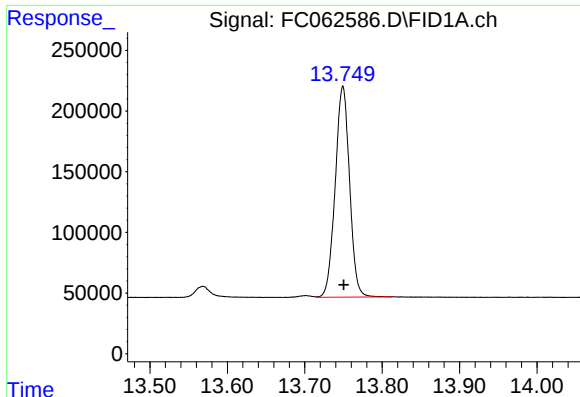
#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: -0.001 min
Response: 2270253
Conc: 18.52 ug/ml



#12 1-chlorooctadecane (SURR)

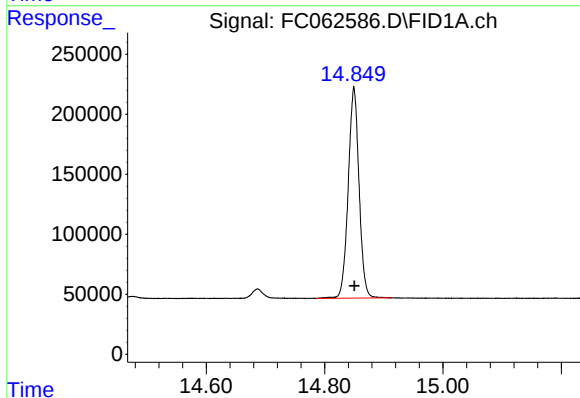
R.T.: 12.995 min
Delta R.T.: -0.001 min
Response: 1907378
Conc: 18.11 ug/ml



#13 n-Docosane (C22)

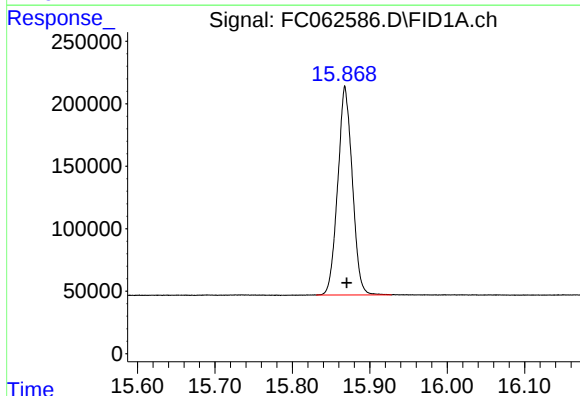
R.T.: 13.749 min
Delta R.T.: 0.000 min
Response: 2241109
Conc: 18.75 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



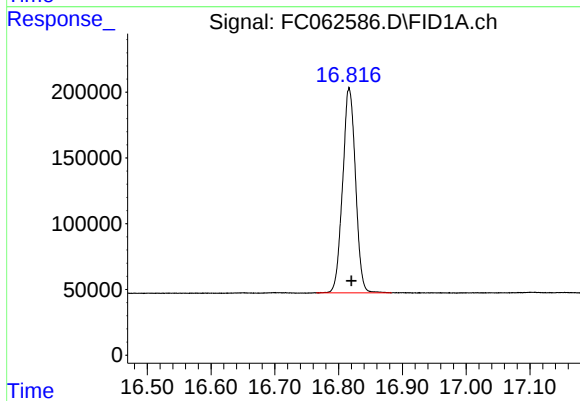
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: 0.000 min
Response: 2238471
Conc: 19.22 ug/ml



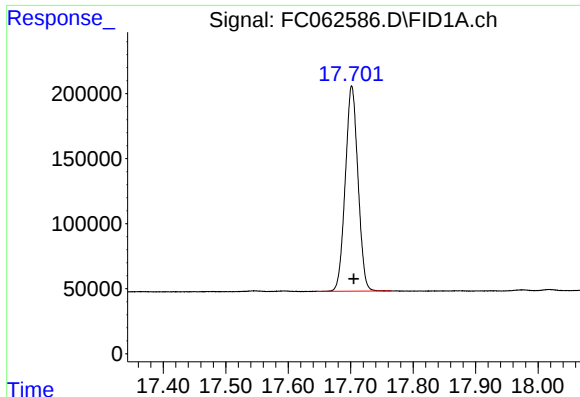
#15 n-Hexacosane (C26)

R.T.: 15.868 min
Delta R.T.: -0.002 min
Response: 2181823
Conc: 19.42 ug/ml



#16 n-Octacosane (C28)

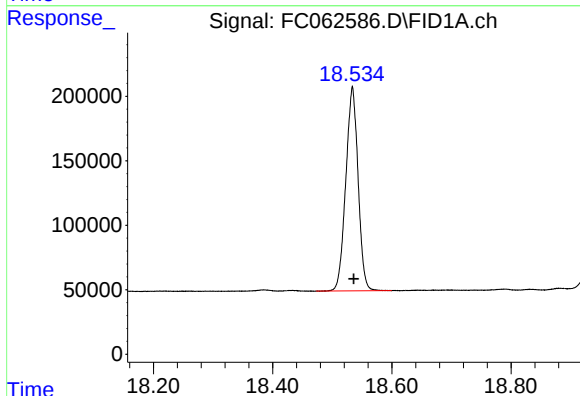
R.T.: 16.817 min
Delta R.T.: -0.003 min
Response: 2185724
Conc: 19.91 ug/ml



#17 n-Tricontane (C30)

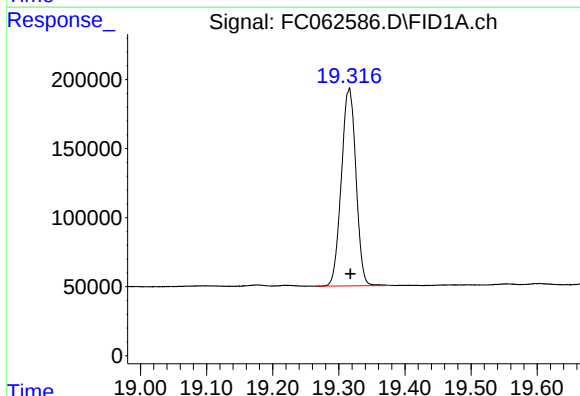
R.T.: 17.702 min
Delta R.T.: -0.003 min
Response: 2226792
Conc: 20.56 ug/ml

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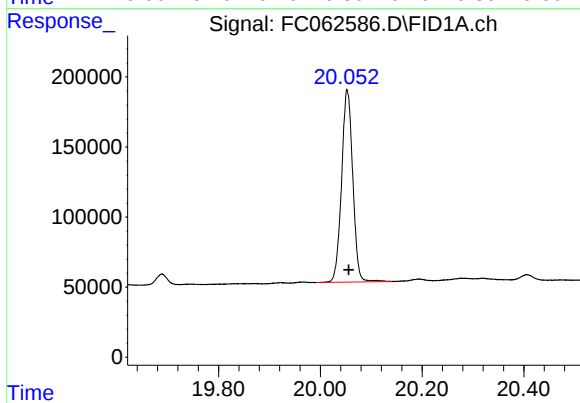
#18 n-Dotriacontane (C32)

R.T.: 18.534 min
Delta R.T.: -0.002 min
Response: 2268893
Conc: 20.78 ug/ml



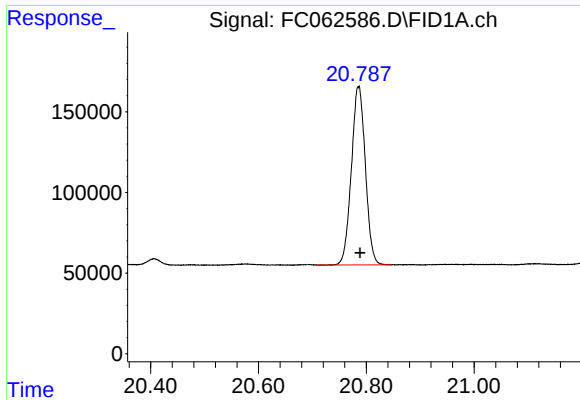
#19 n-Tetratriacontane (C34)

R.T.: 19.316 min
Delta R.T.: -0.002 min
Response: 2195317
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

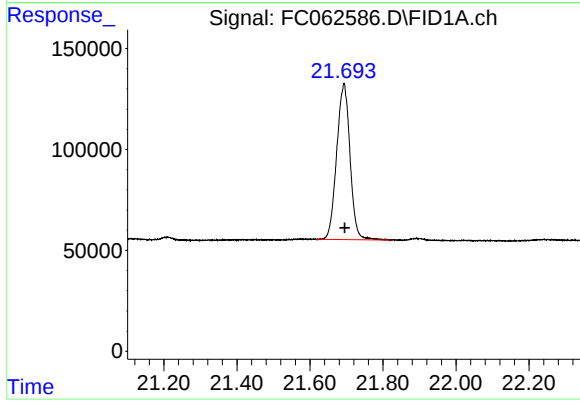
R.T.: 20.053 min
Delta R.T.: -0.003 min
Response: 2093856
Conc: 18.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.786 min
Delta R.T.: -0.003 min
Response: 1988873
Conc: 18.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.693 min
Delta R.T.: -0.002 min
Response: 1955390
Conc: 18.36 ug/ml