

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111822AL\
 Data File : FC062200.D
 Signal(s) : FID1A.ch
 Acq On : 18 Nov 2022 09:34
 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: Nov 20 11:23:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 15 01:21:38 2022
 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)	11.599	2549470	18.678 ug/ml
Spiked Amount 50.000		Recovery =	37.36%
12) S 1-chlorooctadecane (S...	13.036	1840392	18.105 ug/ml
Spiked Amount 50.000		Recovery =	36.21%
Target Compounds			
1) T n-Nonane (C9)	3.352	2555284	18.359 ug/ml
2) T n-Decane (C10)	4.421	2504351	18.510 ug/ml
3) T A~Naphthalene (C11.7)	6.010	2671251	18.234 ug/ml
4) T n-Dodecane (C12)	6.442	2474514	18.523 ug/ml
5) T A~2-methylnaphthalene...	7.067	2445139	18.234 ug/ml
6) T n-Tetradecane (C14)	8.238	2418542	18.527 ug/ml
7) T n-Hexadecane (C16)	9.840	2410064	18.589 ug/ml
8) T n-Octadecane (C18)	11.282	2384178	18.672 ug/ml
10) T n-Eicosane (C20)	12.592	2273664	18.705 ug/ml
11) T n-Heneicosane (C21)	13.203	2252499	18.689 ug/ml
13) T n-Docosane (C22)	13.790	2218654	18.821 ug/ml
14) T n-Tetracosane (C24)	14.894	2184724	18.986 ug/ml
15) T n-Hexacosane (C26)	15.914	2146853	19.268 ug/ml
16) T n-Octacosane (C28)	16.866	2155401	19.658 ug/ml
17) T n-Tricontane (C30)	17.752	2228497	20.350 ug/ml
18) T n-Dotriacontane (C32)	18.584	2270269	20.555 ug/ml
19) T n-Tetratriacontane (C34)	19.367	2177874	19.919 ug/ml
20) T n-Hexatriacontane (C36)	20.106	1994834	19.034 ug/ml
21) T n-Octatriacontane (C38)	20.849	1848749	17.863 ug/ml
22) T n-Tetracontane (C40)	21.774	1688228	16.446 ug/ml

(f)=RT Delta > 1/2 Window

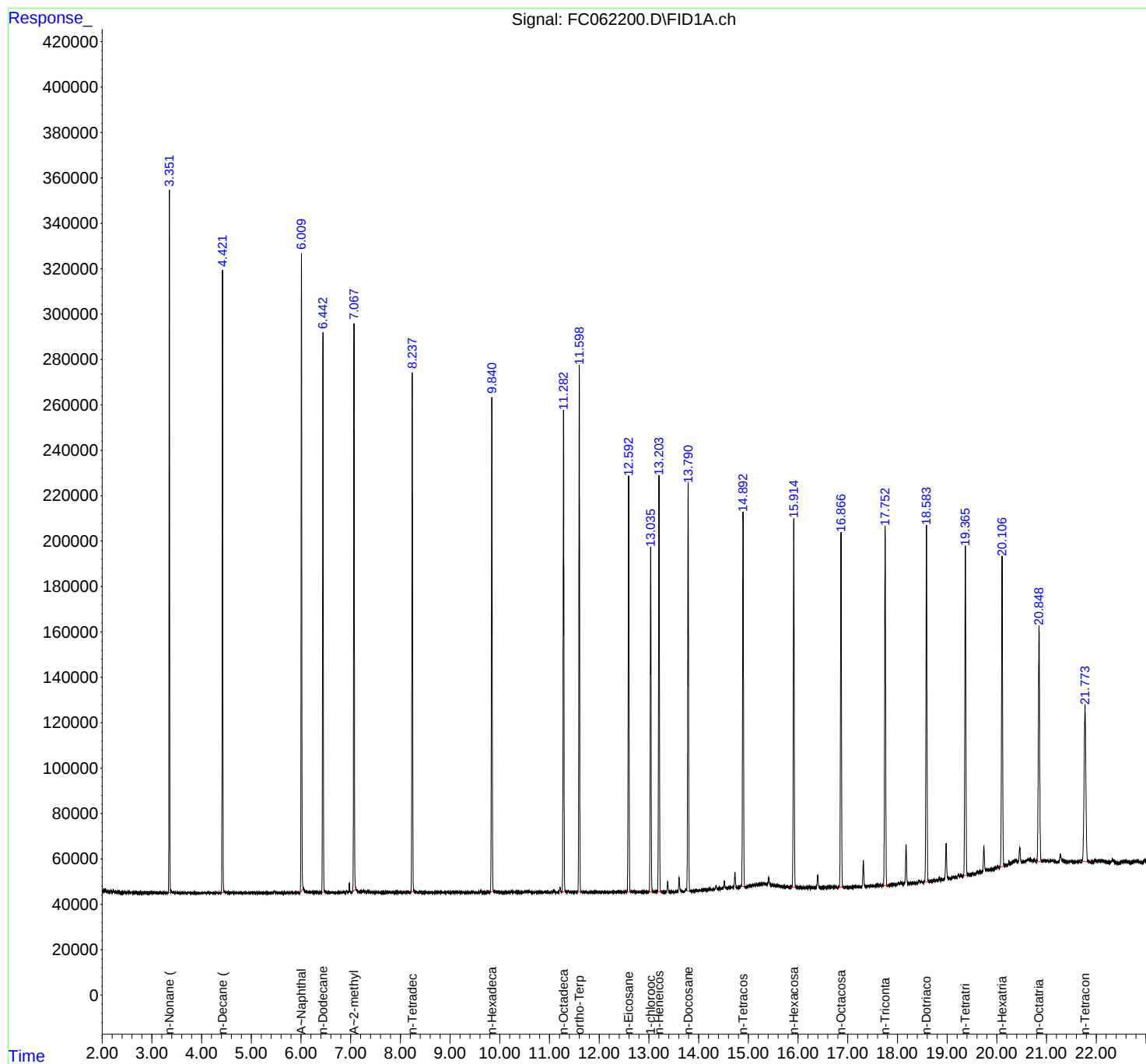
(m)=manual int.

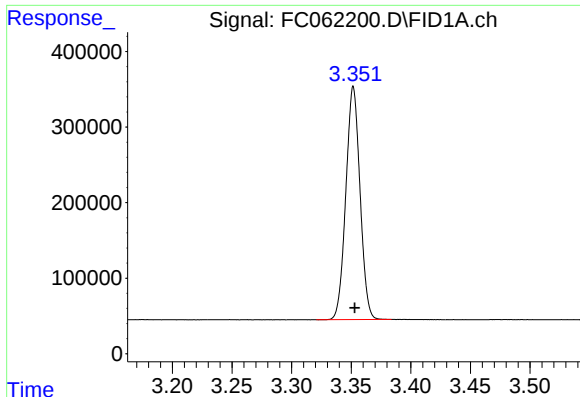
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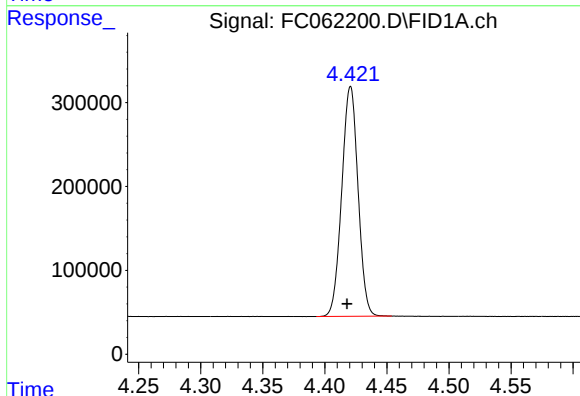




#1 n-Nonane (C9)

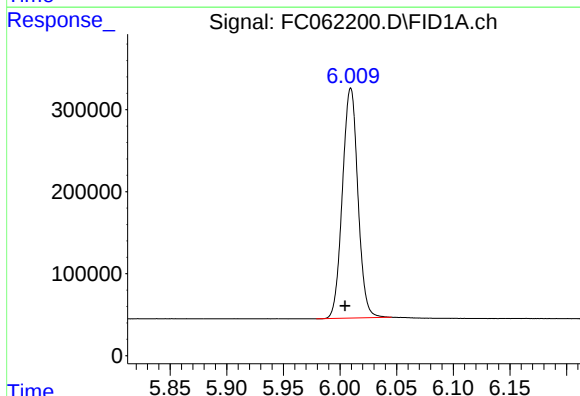
R.T.: 3.352 min
Delta R.T.: -0.001 min
Response: 2555284
Conc: 18.36 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



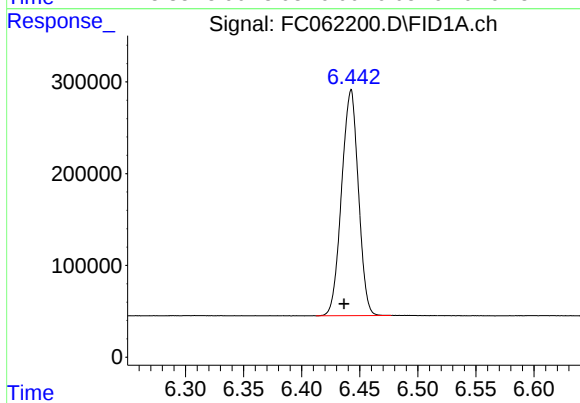
#2 n-Decane (C10)

R.T.: 4.421 min
Delta R.T.: 0.003 min
Response: 2504351
Conc: 18.51 ug/ml



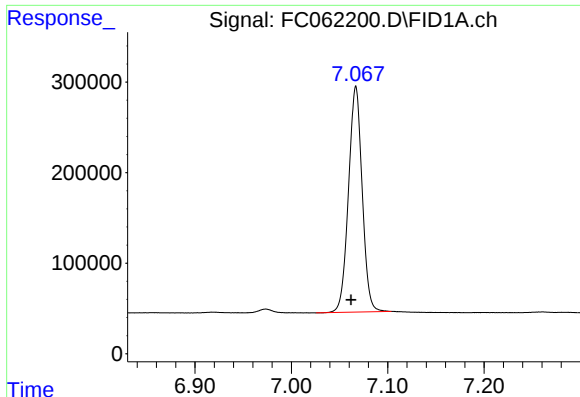
#3 A~Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: 0.005 min
Response: 2671251
Conc: 18.23 ug/ml



#4 n-Dodecane (C12)

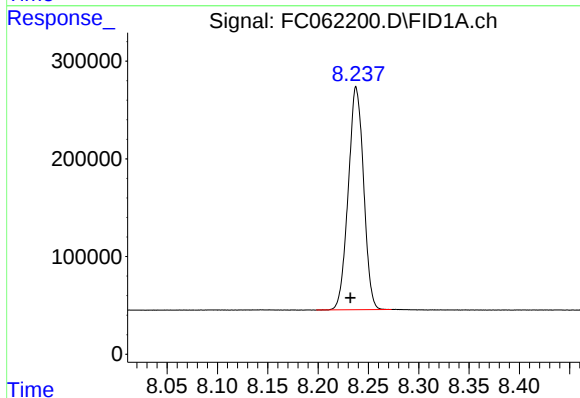
R.T.: 6.442 min
Delta R.T.: 0.006 min
Response: 2474514
Conc: 18.52 ug/ml



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

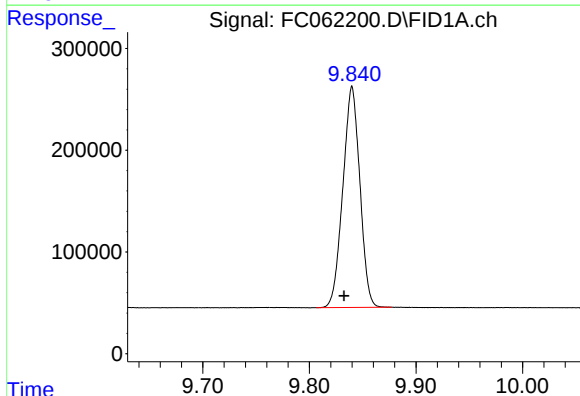
R.T.: 7.067 min
Delta R.T.: 0.005 min
Response: 2445139
Conc: 18.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



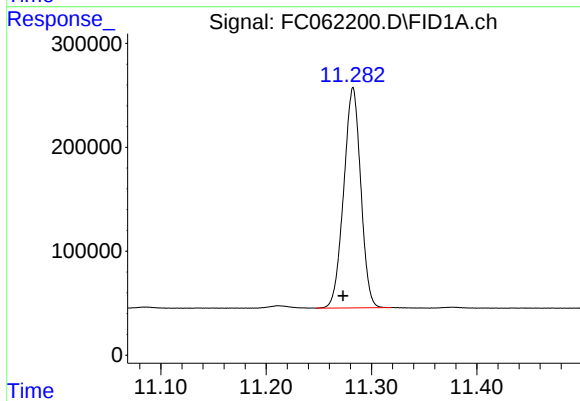
#6 n-Tetradecane (C14)

R.T.: 8.238 min
Delta R.T.: 0.006 min
Response: 2418542
Conc: 18.53 ug/ml



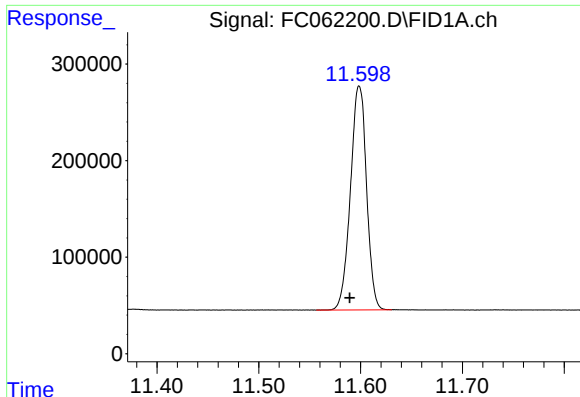
#7 n-Hexadecane (C16)

R.T.: 9.840 min
Delta R.T.: 0.007 min
Response: 2410064
Conc: 18.59 ug/ml



#8 n-Octadecane (C18)

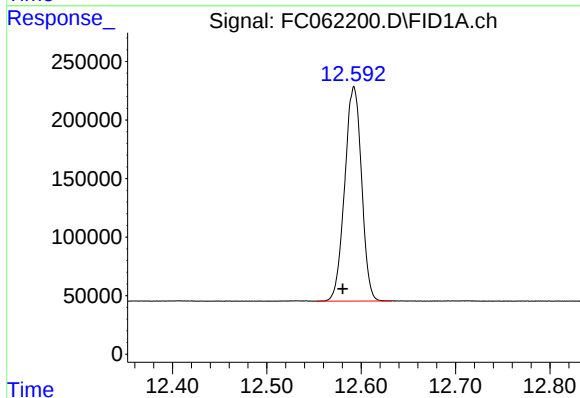
R.T.: 11.282 min
Delta R.T.: 0.010 min
Response: 2384178
Conc: 18.67 ug/ml



#9 ortho-Terphenyl (SURR)

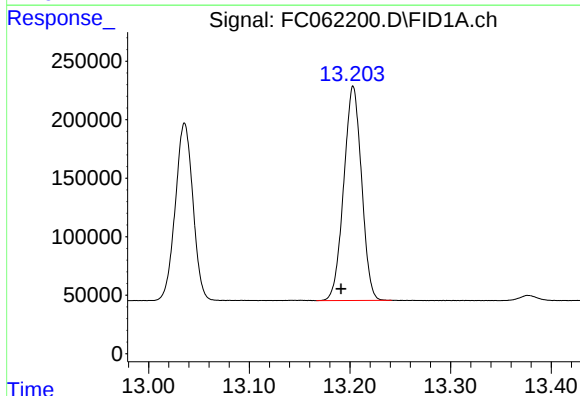
R.T.: 11.599 min
Delta R.T.: 0.009 min
Response: 2549470
Conc: 18.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



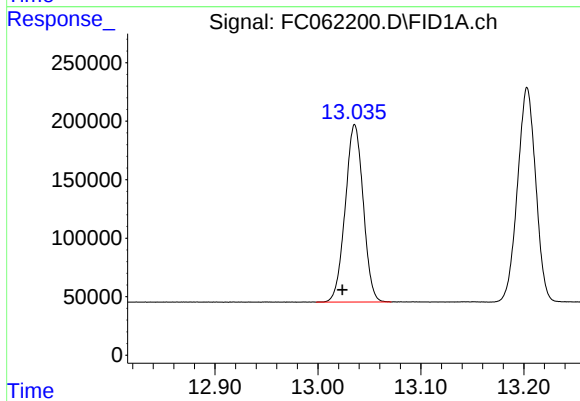
#10 n-Eicosane (C20)

R.T.: 12.592 min
Delta R.T.: 0.012 min
Response: 2273664
Conc: 18.70 ug/ml



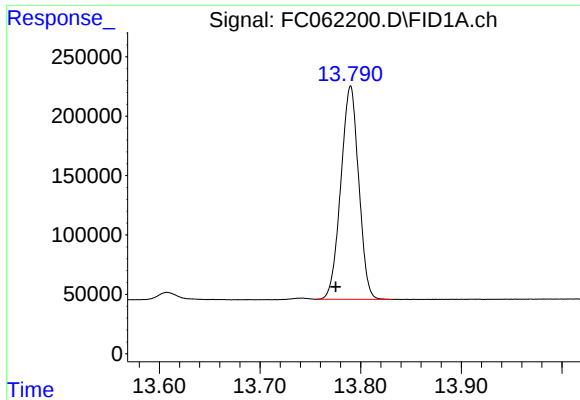
#11 n-Heneicosane (C21)

R.T.: 13.203 min
Delta R.T.: 0.012 min
Response: 2252499
Conc: 18.69 ug/ml



#12 1-chlorooctadecane (SURR)

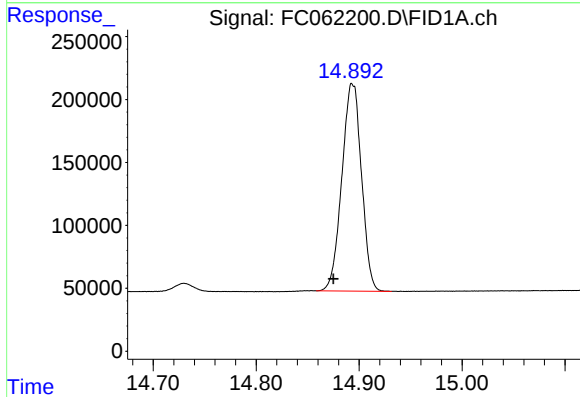
R.T.: 13.036 min
Delta R.T.: 0.012 min
Response: 1840392
Conc: 18.11 ug/ml



#13 n-Docosane (C22)

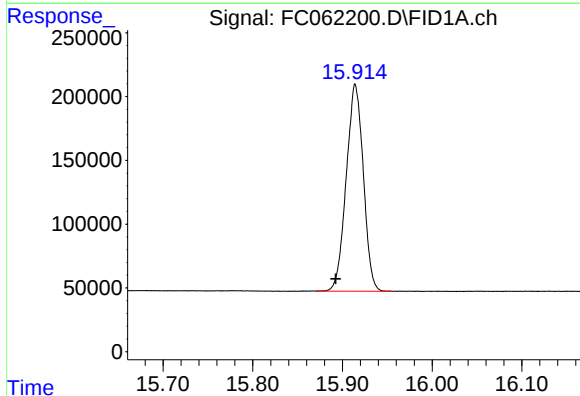
R.T.: 13.790 min
Delta R.T.: 0.015 min
Response: 2218654
Conc: 18.82 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



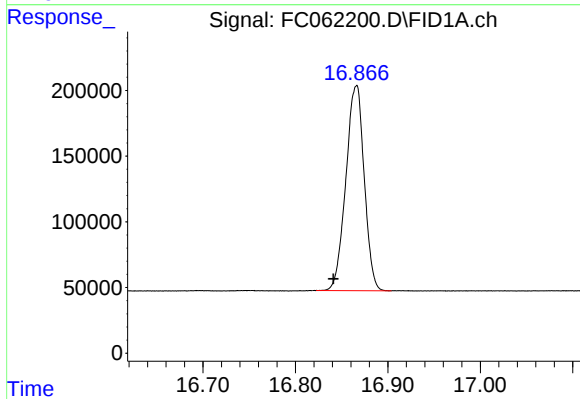
#14 n-Tetracosane (C24)

R.T.: 14.894 min
Delta R.T.: 0.018 min
Response: 2184724
Conc: 18.99 ug/ml



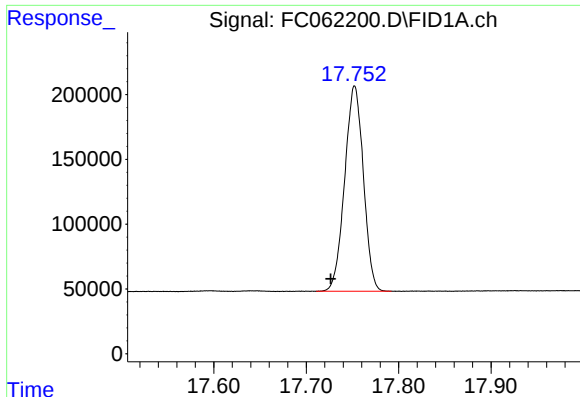
#15 n-Hexacosane (C26)

R.T.: 15.914 min
Delta R.T.: 0.022 min
Response: 2146853
Conc: 19.27 ug/ml



#16 n-Octacosane (C28)

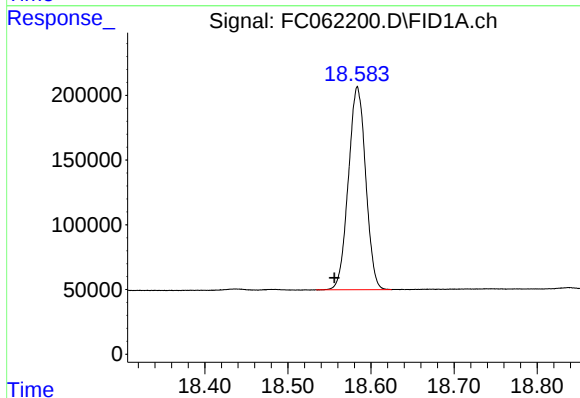
R.T.: 16.866 min
Delta R.T.: 0.025 min
Response: 2155401
Conc: 19.66 ug/ml



#17 n-Tricontane (C30)

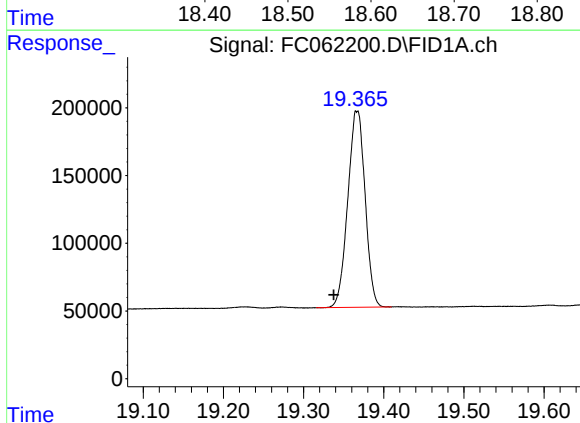
R.T.: 17.752 min
Delta R.T.: 0.026 min
Response: 2228497
Conc: 20.35 ug/ml

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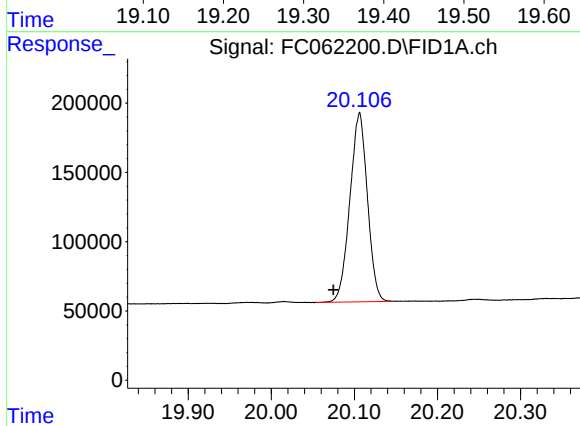
#18 n-Dotriacontane (C32)

R.T.: 18.584 min
Delta R.T.: 0.028 min
Response: 2270269
Conc: 20.56 ug/ml



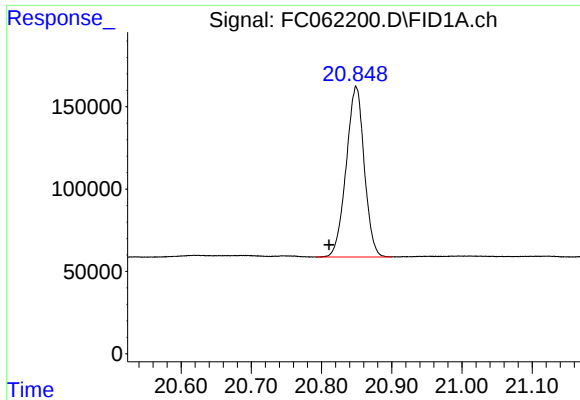
#19 n-Tetratriacontane (C34)

R.T.: 19.367 min
Delta R.T.: 0.029 min
Response: 2177874
Conc: 19.92 ug/ml



#20 n-Hexatriacontane (C36)

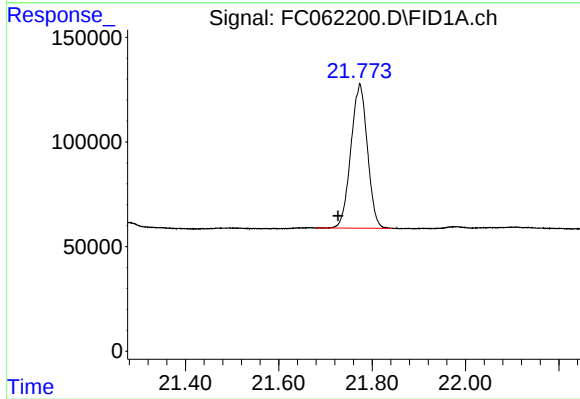
R.T.: 20.106 min
Delta R.T.: 0.032 min
Response: 1994834
Conc: 19.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.849 min
Delta R.T.: 0.039 min
Response: 1848749
Conc: 17.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.774 min
Delta R.T.: 0.047 min
Response: 1688228
Conc: 16.45 ug/ml