

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122922AL\
 Data File : FC062505.D
 Signal(s) : FID1A.ch
 Acq On : 29 Dec 2022 09:19
 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: Dec 29 14:17:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 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)	11.565	2403978	17.042 ug/ml
Spiked Amount 50.000		Recovery =	34.08%
12) S 1-chlorooctadecane (S...	13.004	1812428	17.005 ug/ml
Spiked Amount 50.000		Recovery =	34.01%
Target Compounds			
1) T n-Nonane (C9)	3.314	2110838	16.412 ug/ml
2) T n-Decane (C10)	4.384	2136916	17.178 ug/ml
3) T A~Naphthalene (C11.7)	5.972	2416511	17.030 ug/ml
4) T n-Dodecane (C12)	6.409	2146302	17.135 ug/ml
5) T A~2-methylnaphthalene...	7.031	2263361	17.603 ug/ml
6) T n-Tetradecane (C14)	8.206	2151232	17.664 ug/ml
7) T n-Hexadecane (C16)	9.809	2188560	17.437 ug/ml
8) T n-Octadecane (C18)	11.251	2223189	17.402 ug/ml
10) T n-Eicosane (C20)	12.561	2170944	17.452 ug/ml
11) T n-Heneicosane (C21)	13.173	2126864	17.211 ug/ml
13) T n-Docosane (C22)	13.757	2201113	18.120 ug/ml
14) T n-Tetracosane (C24)	14.860	2317027	19.330 ug/ml
15) T n-Hexacosane (C26)	15.881	2369024	20.393 ug/ml
16) T n-Octacosane (C28)	16.829	2474312	21.770 ug/ml
17) T n-Tricontane (C30)	17.716	2547137	22.783 ug/ml
18) T n-Dotriacontane (C32)	18.547	2523077	22.706 ug/ml
19) T n-Tetratriacontane (C34)	19.327	2237314	20.681 ug/ml
20) T n-Hexatriacontane (C36)	20.065	2031856	20.014 ug/ml
21) T n-Octatriacontane (C38)	20.800	1953563	19.095 ug/ml
22) T n-Tetracontane (C40)	21.709	1948263	19.224 ug/ml

(f)=RT Delta > 1/2 Window

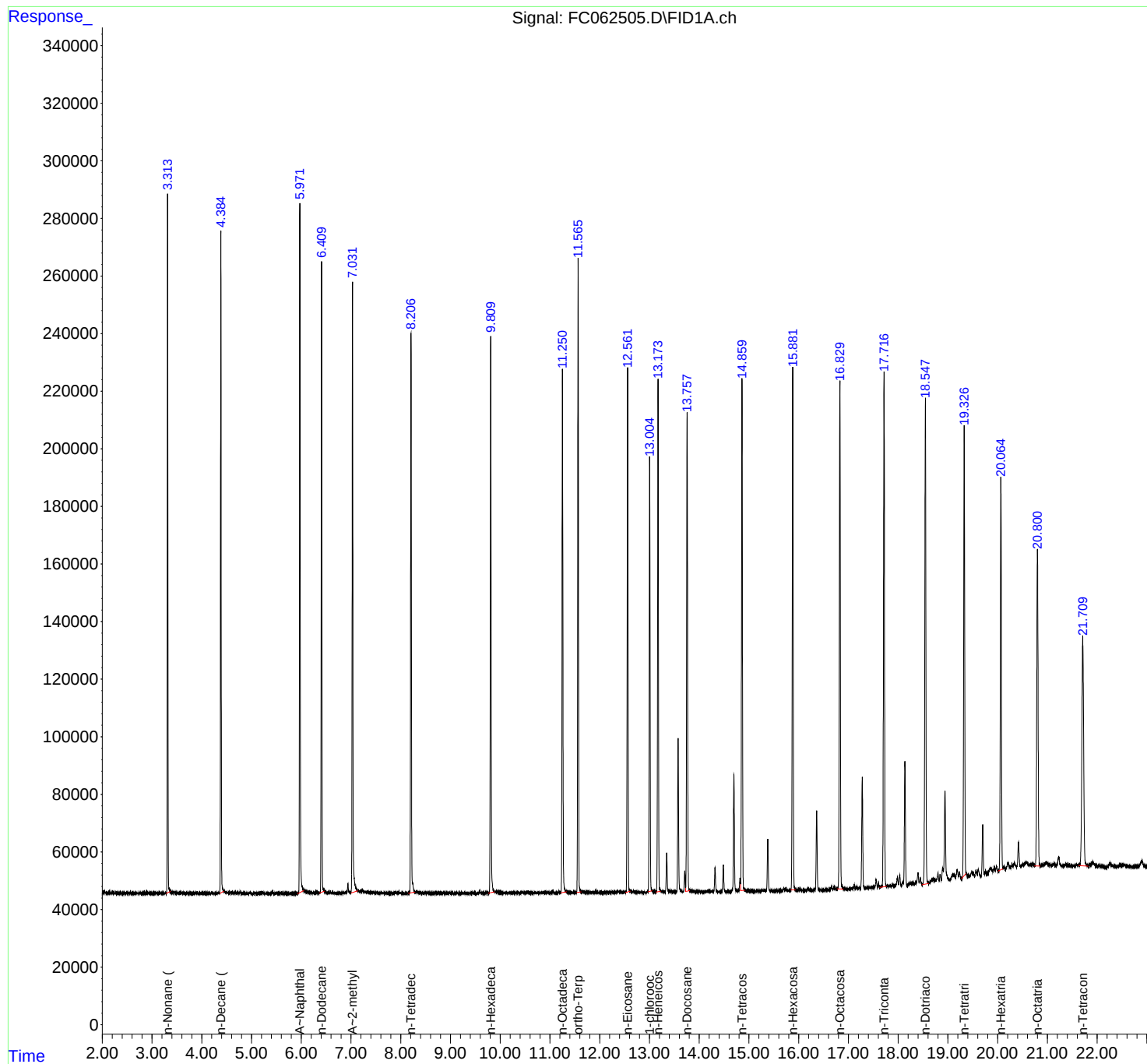
(m)=manual int.

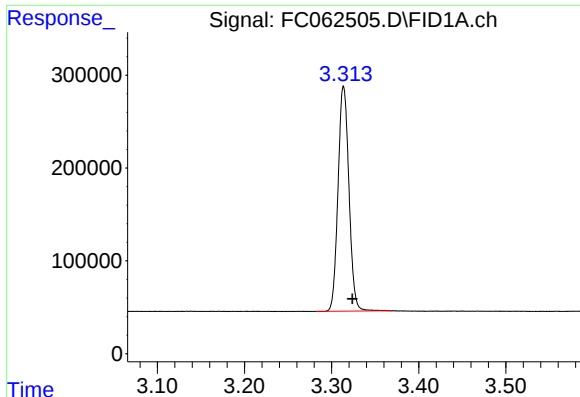
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122922AL\
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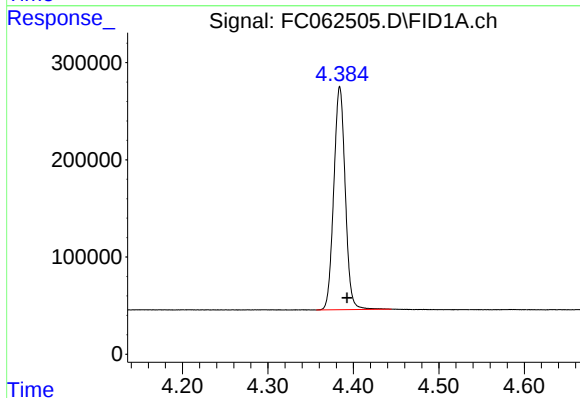




#1 n-Nonane (C9)

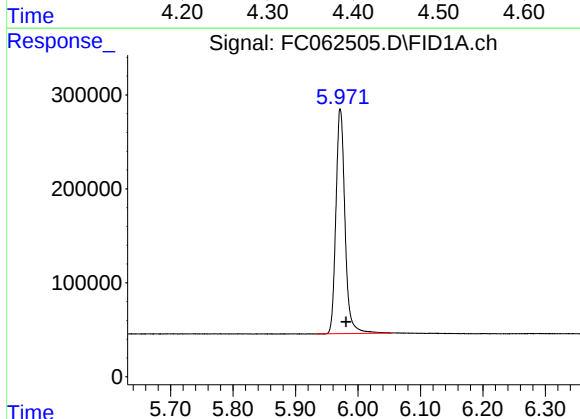
R.T.: 3.314 min
Delta R.T.: -0.010 min
Response: 2110838
Conc: 16.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



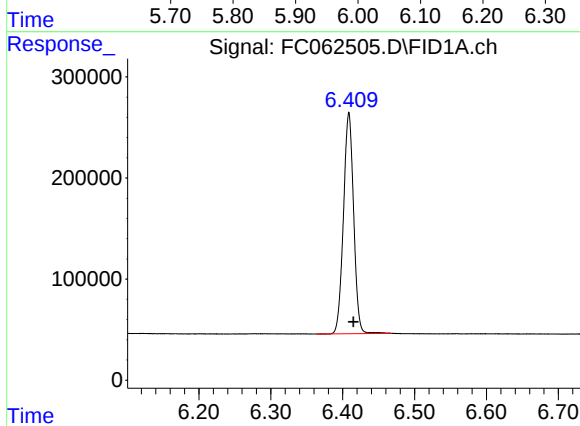
#2 n-Decane (C10)

R.T.: 4.384 min
Delta R.T.: -0.009 min
Response: 2136916
Conc: 17.18 ug/ml



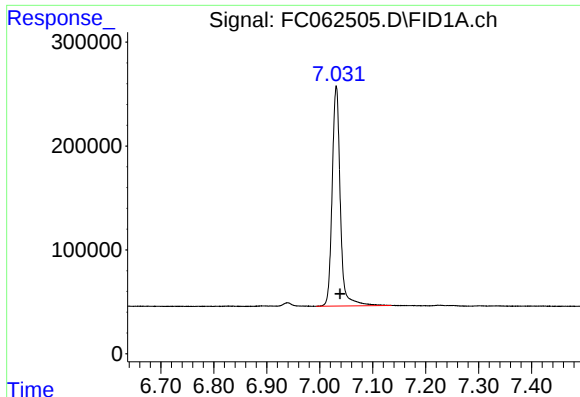
#3 A~Naphthalene (C11.7)

R.T.: 5.972 min
Delta R.T.: -0.009 min
Response: 2416511
Conc: 17.03 ug/ml



#4 n-Dodecane (C12)

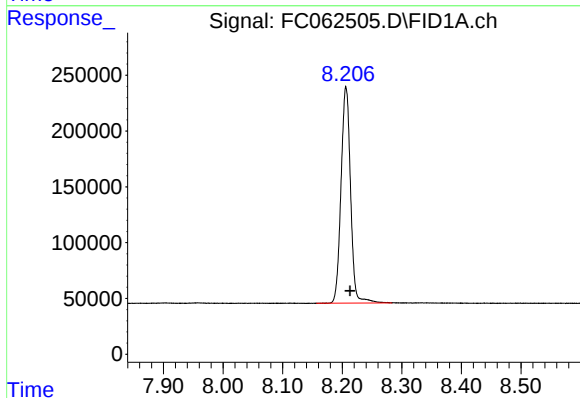
R.T.: 6.409 min
Delta R.T.: -0.006 min
Response: 2146302
Conc: 17.14 ug/ml



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

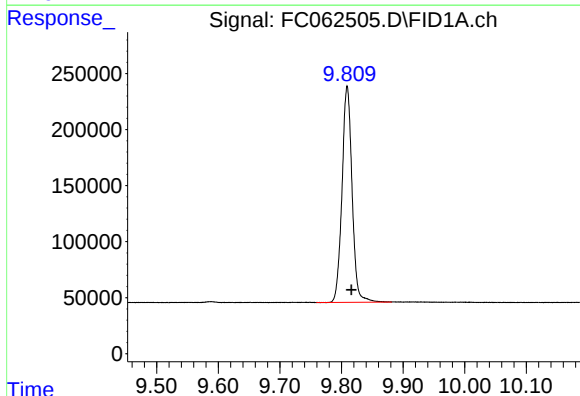
R.T.: 7.031 min
Delta R.T.: -0.007 min
Response: 2263361
Conc: 17.60 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



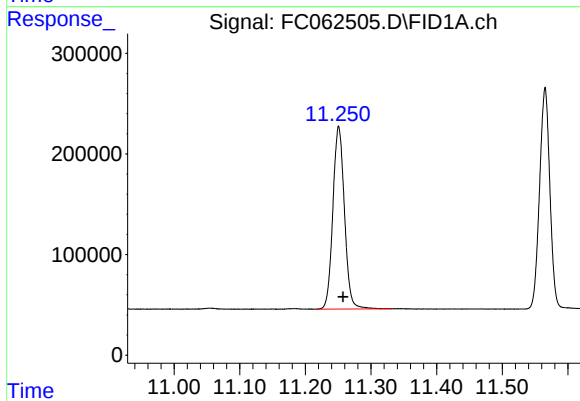
#6 n-Tetradecane (C14)

R.T.: 8.206 min
Delta R.T.: -0.007 min
Response: 2151232
Conc: 17.66 ug/ml



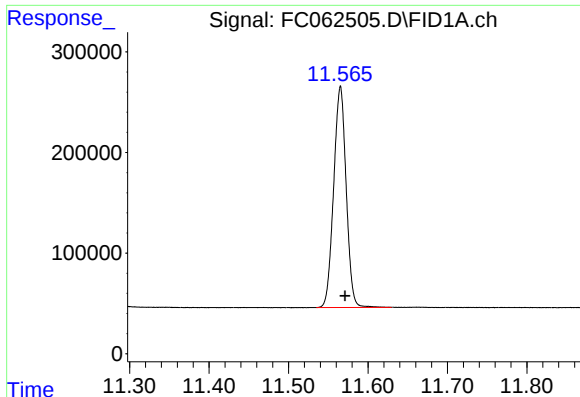
#7 n-Hexadecane (C16)

R.T.: 9.809 min
Delta R.T.: -0.007 min
Response: 2188560
Conc: 17.44 ug/ml



#8 n-Octadecane (C18)

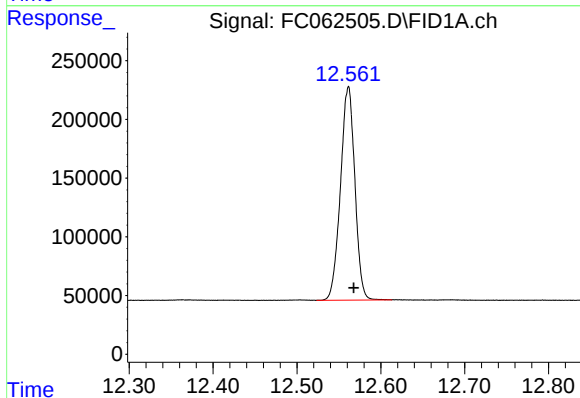
R.T.: 11.251 min
Delta R.T.: -0.007 min
Response: 2223189
Conc: 17.40 ug/ml



#9 ortho-Terphenyl (SURR)

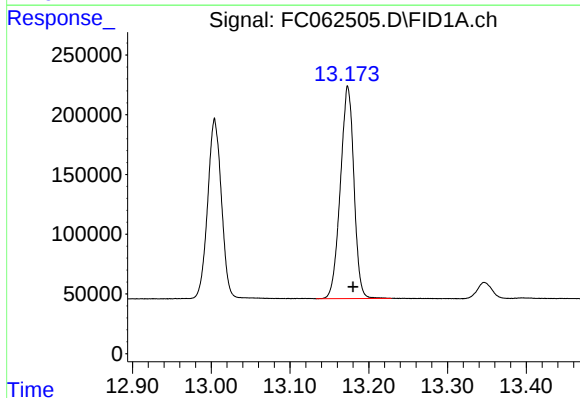
R.T.: 11.565 min
Delta R.T.: -0.006 min
Response: 2403978
Conc: 17.04 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



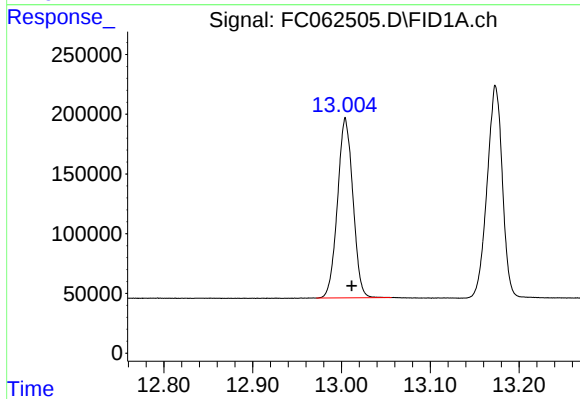
#10 n-Eicosane (C20)

R.T.: 12.561 min
Delta R.T.: -0.006 min
Response: 2170944
Conc: 17.45 ug/ml



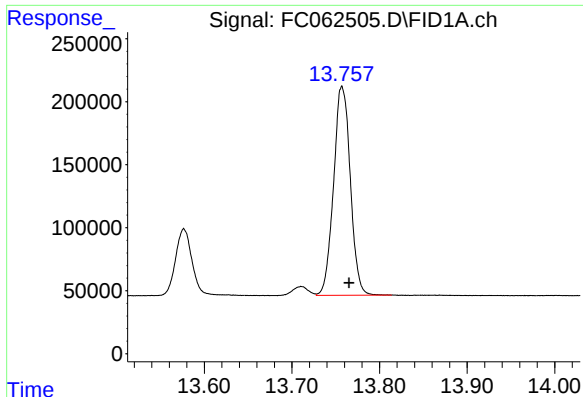
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: -0.007 min
Response: 2126864
Conc: 17.21 ug/ml



#12 1-chlorooctadecane (SURR)

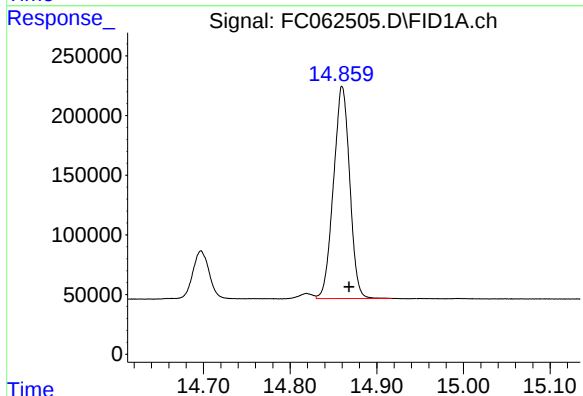
R.T.: 13.004 min
Delta R.T.: -0.007 min
Response: 1812428
Conc: 17.00 ug/ml



#13 n-Docosane (C22)

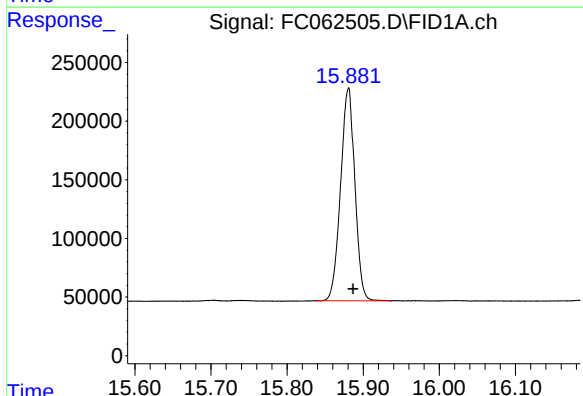
R.T.: 13.757 min
Delta R.T.: -0.008 min
Response: 2201113
Conc: 18.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



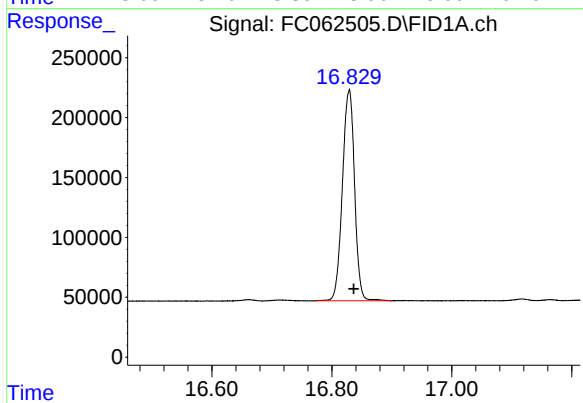
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: -0.008 min
Response: 2317027
Conc: 19.33 ug/ml



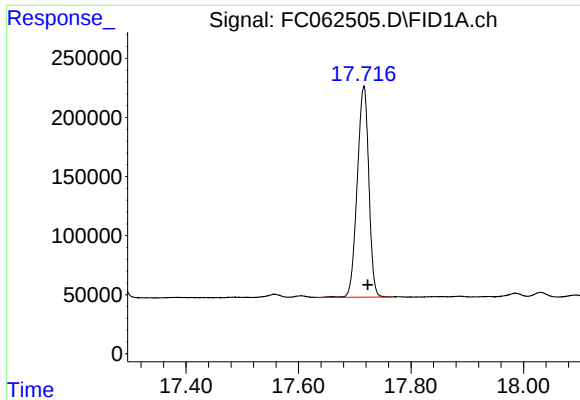
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: -0.006 min
Response: 2369024
Conc: 20.39 ug/ml



#16 n-Octacosane (C28)

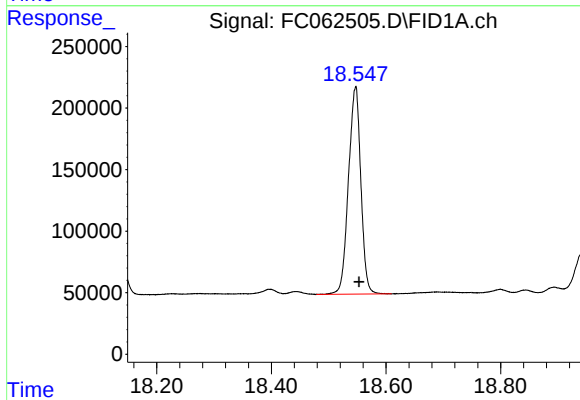
R.T.: 16.829 min
Delta R.T.: -0.007 min
Response: 2474312
Conc: 21.77 ug/ml



#17 n-Tricontane (C30)

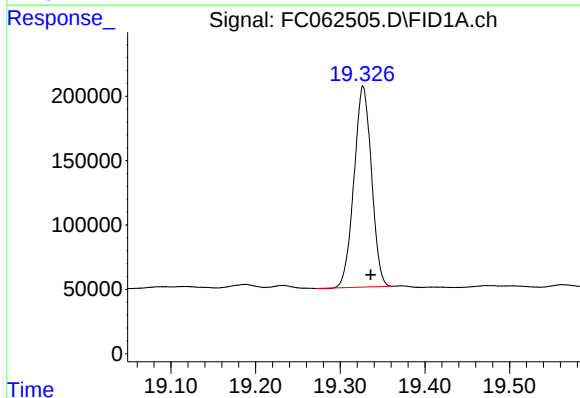
R.T.: 17.716 min
Delta R.T.: -0.007 min
Response: 2547137
Conc: 22.78 ug/ml

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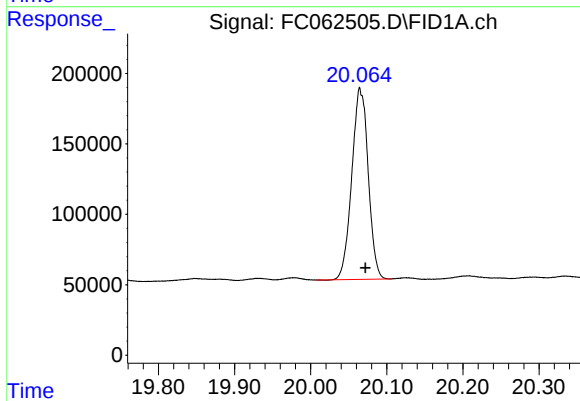
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: -0.006 min
Response: 2523077
Conc: 22.71 ug/ml



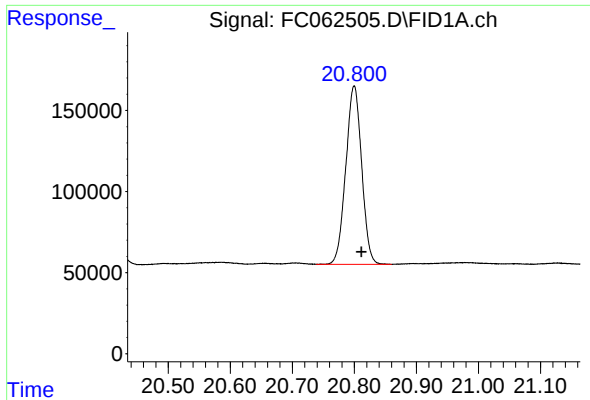
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.009 min
Response: 2237314
Conc: 20.68 ug/ml



#20 n-Hexatriacontane (C36)

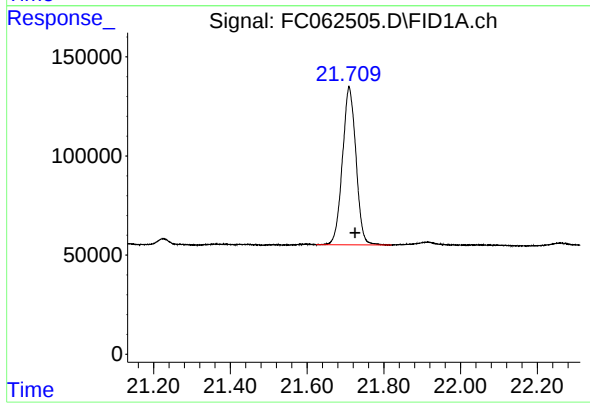
R.T.: 20.065 min
Delta R.T.: -0.007 min
Response: 2031856
Conc: 20.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: -0.012 min
Response: 1953563
Conc: 19.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: -0.016 min
Response: 1948263
Conc: 19.22 ug/ml