

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100523AL\
 Data File : FC064753.D
 Signal(s) : FID1A.ch
 Acq On : 05 Oct 2023 19:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 05 23:55:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.522	4436471	21.925 ug/ml
Spiked Amount 50.000		Recovery =	43.85%
12) S 1-chlorooctadecane (S...	12.954	3214528	22.069 ug/ml
Spiked Amount 50.000		Recovery =	44.14%
Target Compounds			
1) T n-Nonane (C9)	3.326	3865584	21.874 ug/ml
2) T n-Decane (C10)	4.384	3889804	21.652 ug/ml
3) T A~Naphthalene (C11.7)	5.964	4093020	21.787 ug/ml
4) T n-Dodecane (C12)	6.392	3952833	21.762 ug/ml
5) T A~2-methylnaphthalene...	7.016	3867664	21.688 ug/ml
6) T n-Tetradecane (C14)	8.178	3838629	21.634 ug/ml
7) T n-Hexadecane (C16)	9.771	3845839	21.395 ug/ml
8) T n-Octadecane (C18)	11.207	3812445	21.057 ug/ml
10) T n-Eicosane (C20)	12.510	3636718	21.350 ug/ml
11) T n-Heneicosane (C21)	13.119	3551629	21.444 ug/ml
13) T n-Docosane (C22)	13.702	3499969	21.484 ug/ml
14) T n-Tetracosane (C24)	14.800	3400897	21.422 ug/ml
15) T n-Hexacosane (C26)	15.817	3253150	21.312 ug/ml
16) T n-Octacosane (C28)	16.762	3188541	21.545 ug/ml
17) T n-Tricontane (C30)	17.645	3242482	21.827 ug/ml
18) T n-Dotriacontane (C32)	18.470	3201211	21.935 ug/ml
19) T n-Tetratriacontane (C34)	19.252	3021986	21.257 ug/ml
20) T n-Hexatriacontane (C36)	19.988	2877560	20.892 ug/ml
21) T n-Octatriacontane (C38)	20.708	2783126	20.307 ug/ml
22) T n-Tetracontane (C40)	21.589	2693776	19.803 ug/ml

(f)=RT Delta > 1/2 Window

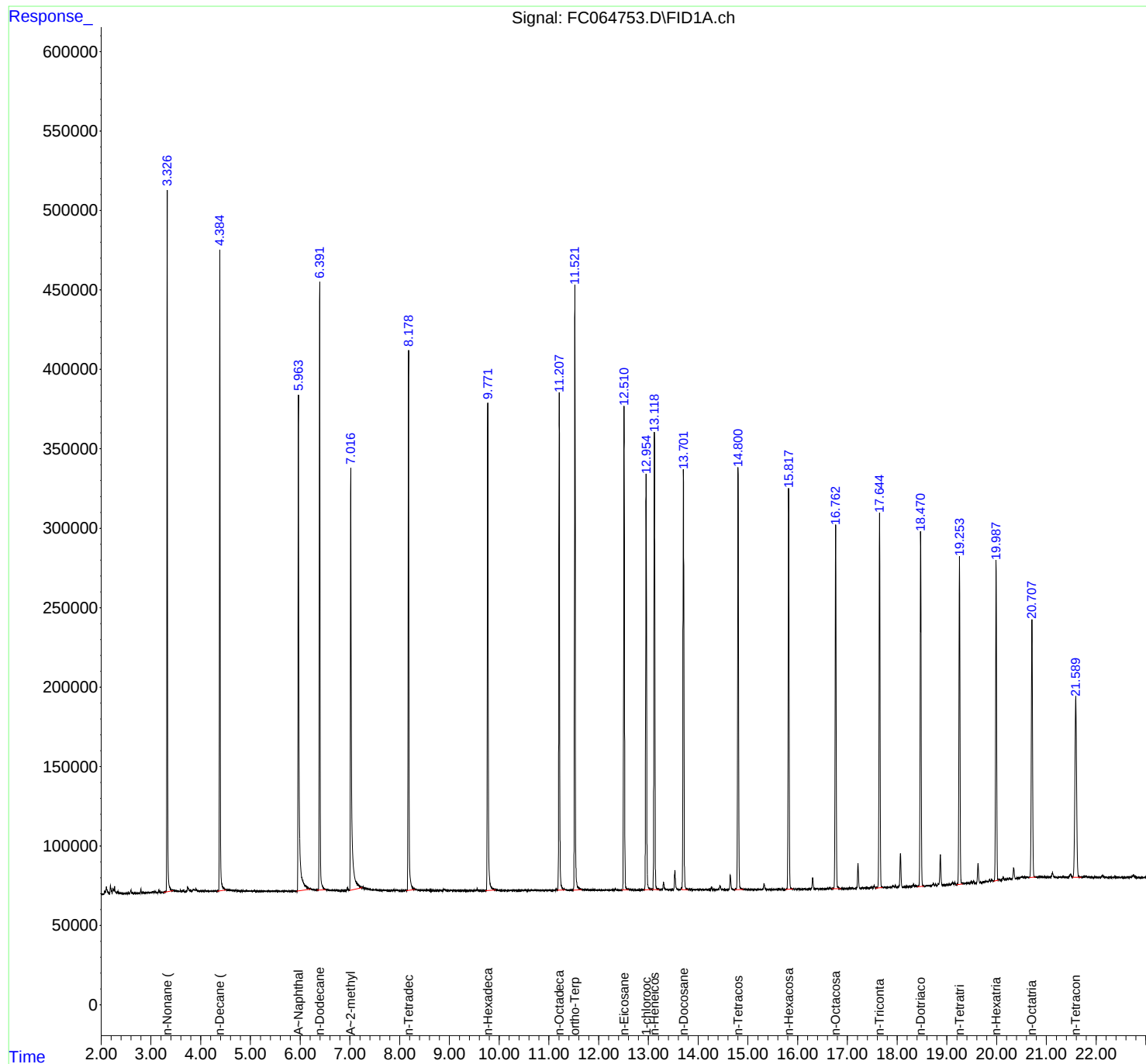
(m)=manual int.

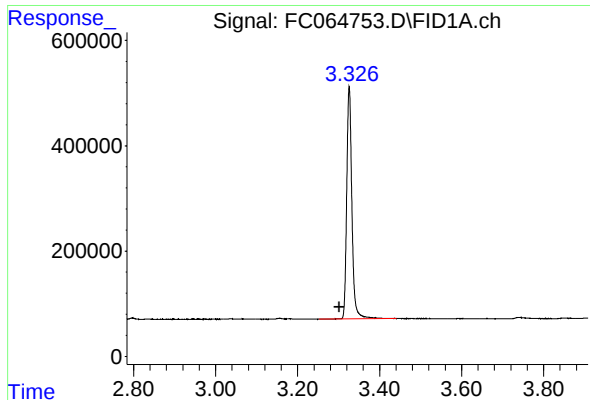
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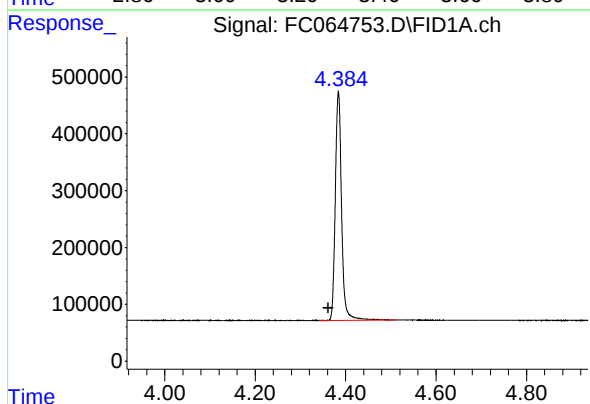




#1 n-Nonane (C9)

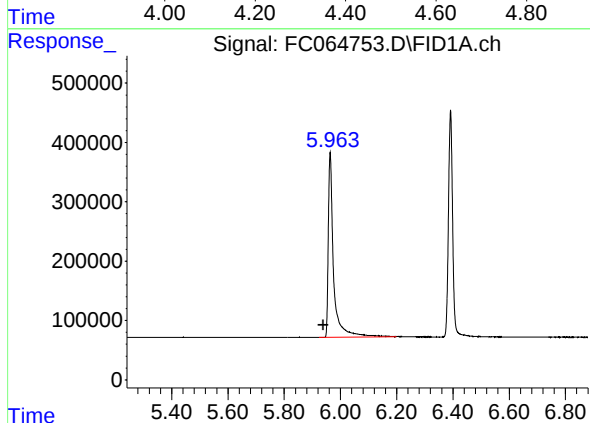
R.T.: 3.326 min
Delta R.T.: 0.024 min
Response: 3865584
Conc: 21.87 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



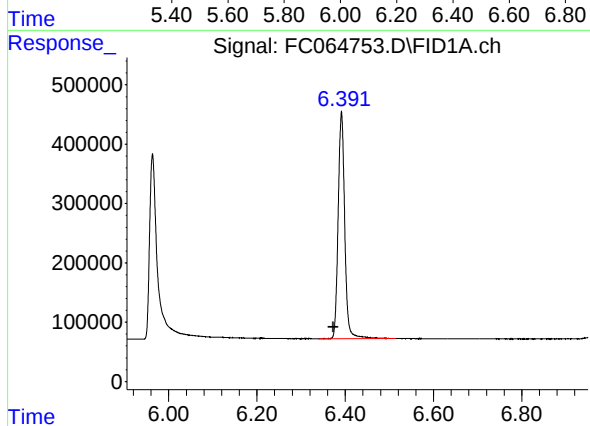
#2 n-Decane (C10)

R.T.: 4.384 min
Delta R.T.: 0.022 min
Response: 3889804
Conc: 21.65 ug/ml



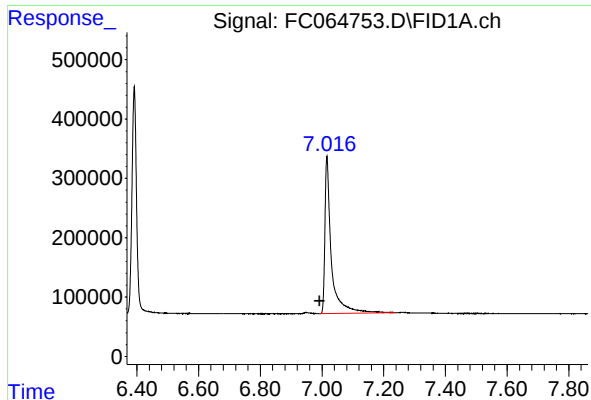
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: 0.025 min
Response: 4093020
Conc: 21.79 ug/ml



#4 n-Dodecane (C12)

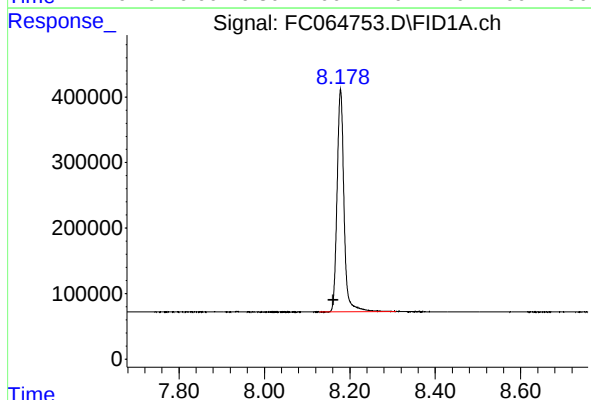
R.T.: 6.392 min
Delta R.T.: 0.019 min
Response: 3952833
Conc: 21.76 ug/ml



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

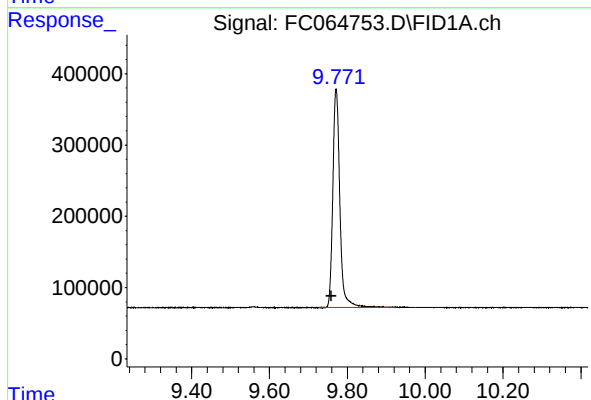
R.T.: 7.016 min
Delta R.T.: 0.023 min
Response: 3867664
Conc: 21.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



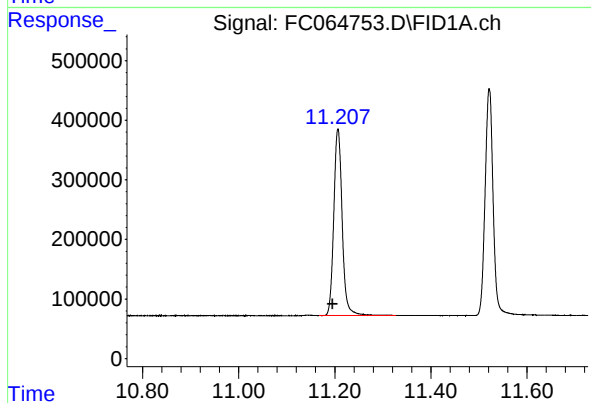
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.017 min
Response: 3838629
Conc: 21.63 ug/ml



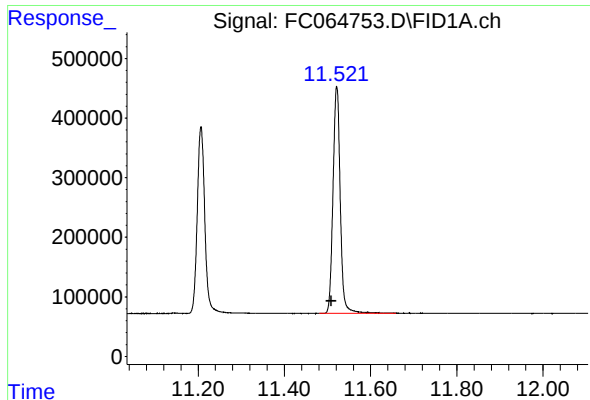
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: 0.013 min
Response: 3845839
Conc: 21.39 ug/ml



#8 n-Octadecane (C18)

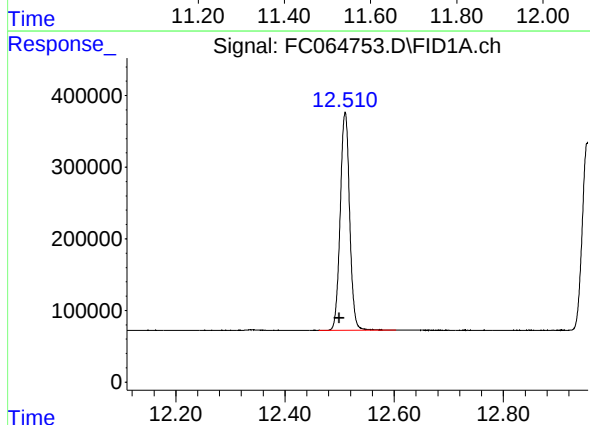
R.T.: 11.207 min
Delta R.T.: 0.011 min
Response: 3812445
Conc: 21.06 ug/ml



#9 ortho-Terphenyl (SURR)

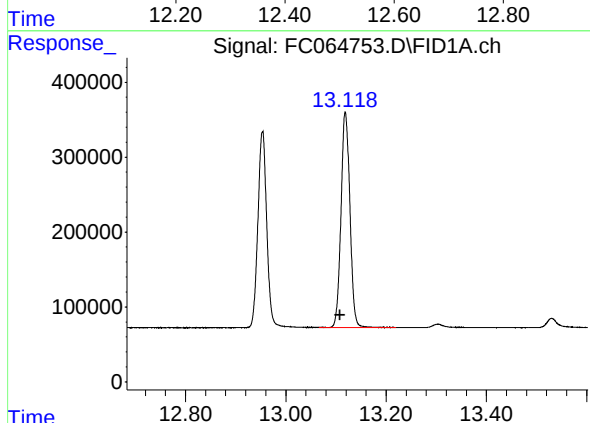
R.T.: 11.522 min
Delta R.T.: 0.013 min
Response: 4436471
Conc: 21.93 ug/ml

Instrument :
FID_C
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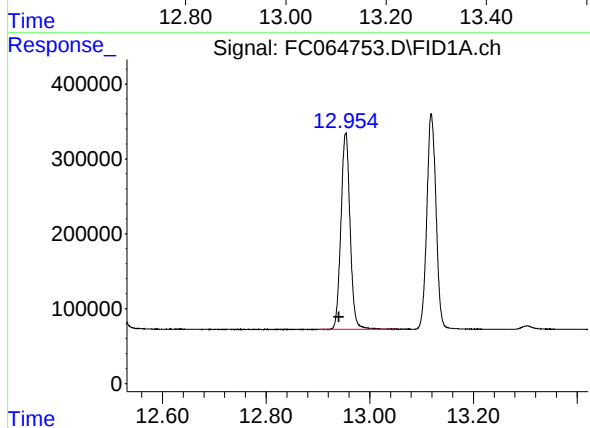
#10 n-Eicosane (C20)

R.T.: 12.510 min
Delta R.T.: 0.011 min
Response: 3636718
Conc: 21.35 ug/ml



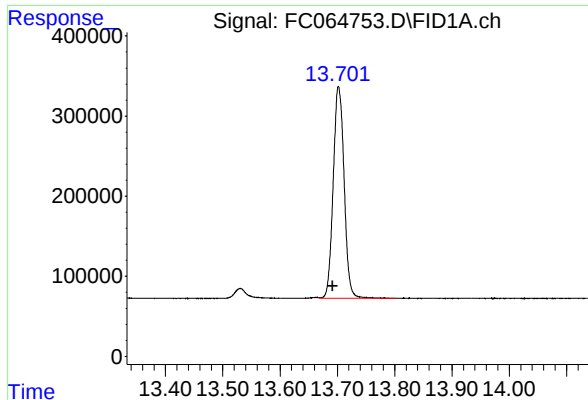
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: 0.011 min
Response: 3551629
Conc: 21.44 ug/ml



#12 1-chlorooctadecane (SURR)

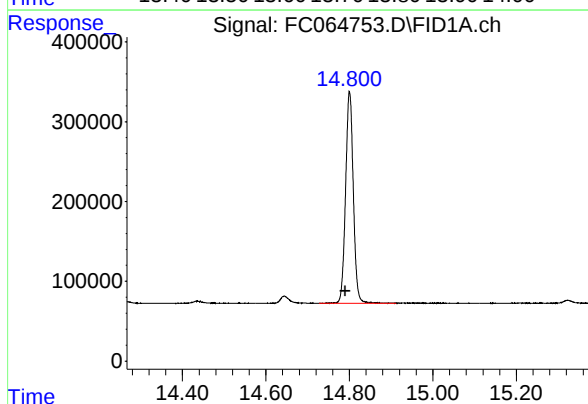
R.T.: 12.954 min
Delta R.T.: 0.013 min
Response: 3214528
Conc: 22.07 ug/ml



#13 n-Docosane (C22)

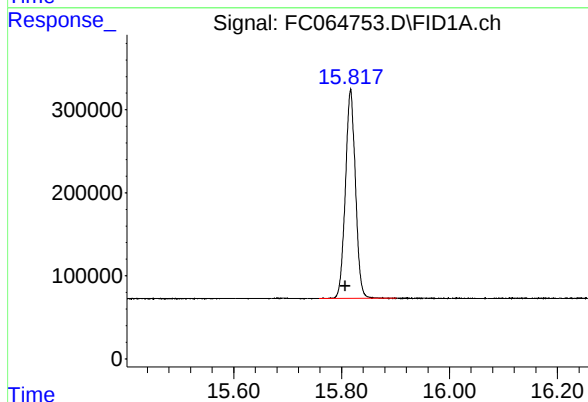
R.T.: 13.702 min
Delta R.T.: 0.010 min
Response: 3499969
Conc: 21.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



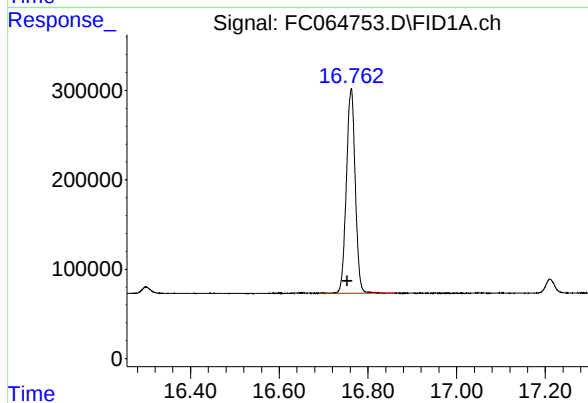
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.010 min
Response: 3400897
Conc: 21.42 ug/ml



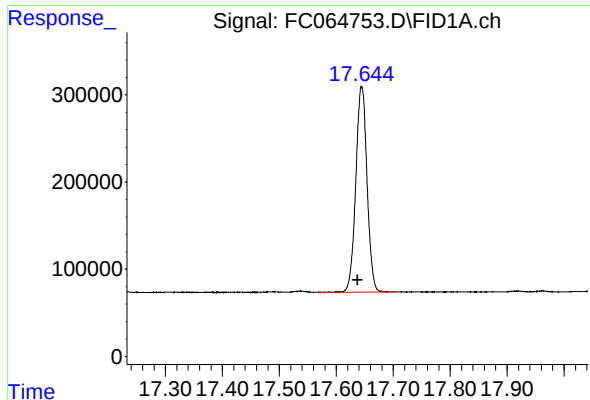
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: 0.010 min
Response: 3253150
Conc: 21.31 ug/ml



#16 n-Octacosane (C28)

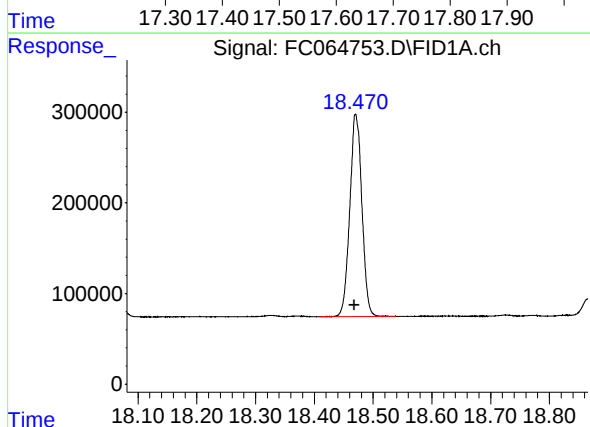
R.T.: 16.762 min
Delta R.T.: 0.009 min
Response: 3188541
Conc: 21.54 ug/ml



#17 n-Tricontane (C30)

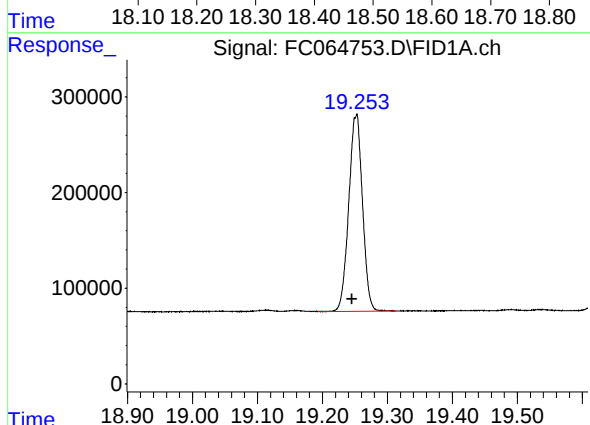
R.T.: 17.645 min
Delta R.T.: 0.008 min
Response: 3242482
Conc: 21.83 ug/ml

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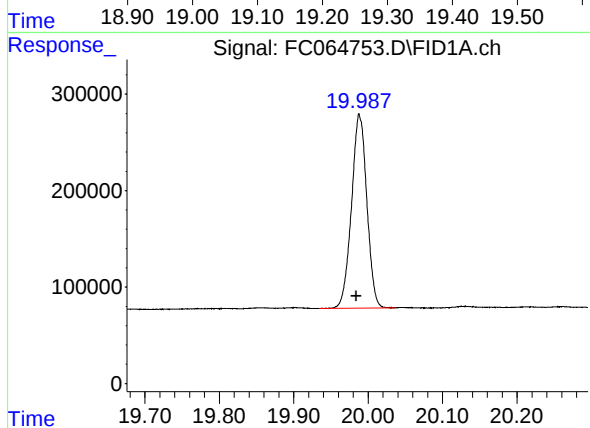
#18 n-Dotriacontane (C32)

R.T.: 18.470 min
Delta R.T.: 0.002 min
Response: 3201211
Conc: 21.94 ug/ml



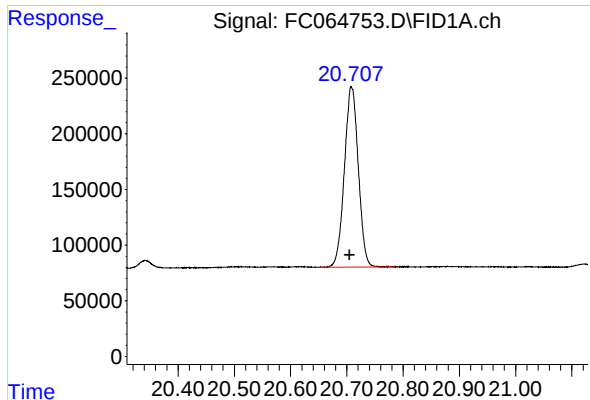
#19 n-Tetatriacontane (C34)

R.T.: 19.252 min
Delta R.T.: 0.007 min
Response: 3021986
Conc: 21.26 ug/ml



#20 n-Hexatriacontane (C36)

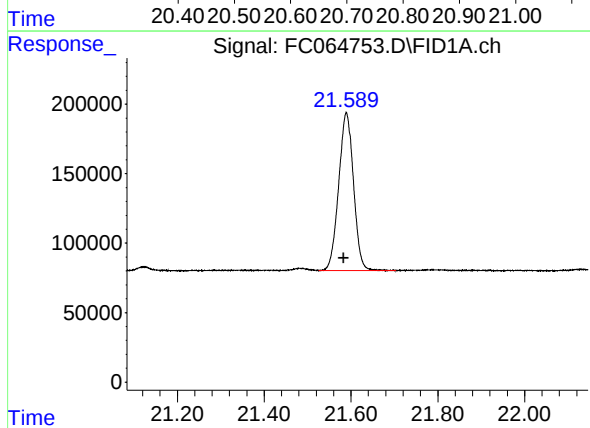
R.T.: 19.988 min
Delta R.T.: 0.004 min
Response: 2877560
Conc: 20.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: 0.003 min
Response: 2783126
Conc: 20.31 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.589 min
Delta R.T.: 0.006 min
Response: 2693776
Conc: 19.80 ug/ml