

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011323AL\
 Data File : FC062653.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jan 2023 18:13
 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 16 02:12:08 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)	11.555	2650210	18.758 ug/ml
Spiked Amount 50.000		Recovery =	37.52%
12) S 1-chlorooctadecane (S...	12.995	2012650	19.106 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
Target Compounds			
1) T n-Nonane (C9)	3.313	2392037	17.888 ug/ml
2) T n-Decane (C10)	4.381	2369773	18.272 ug/ml
3) T A~Naphthalene (C11.7)	5.966	2681662	18.249 ug/ml
4) T n-Dodecane (C12)	6.401	2390070	18.597 ug/ml
5) T A~2-methylnaphthalene...	7.023	2527380	18.486 ug/ml
6) T n-Tetradecane (C14)	8.197	2391875	18.581 ug/ml
7) T n-Hexadecane (C16)	9.799	2416642	18.713 ug/ml
8) T n-Octadecane (C18)	11.241	2446886	18.895 ug/ml
10) T n-Eicosane (C20)	12.552	2355066	19.083 ug/ml
11) T n-Heneicosane (C21)	13.163	2346130	19.142 ug/ml
13) T n-Docosane (C22)	13.747	2320716	19.412 ug/ml
14) T n-Tetracosane (C24)	14.849	2333442	20.036 ug/ml
15) T n-Hexacosane (C26)	15.868	2265756	20.168 ug/ml
16) T n-Octacosane (C28)	16.816	2303473	20.979 ug/ml
17) T n-Tricontane (C30)	17.702	2413842	22.289 ug/ml
18) T n-Dotriacontane (C32)	18.535	2491222	22.819 ug/ml
19) T n-Tetratriacontane (C34)	19.317	2373894	21.835 ug/ml
20) T n-Hexatriacontane (C36)	20.054	2173035	19.536 ug/ml
21) T n-Octatriacontane (C38)	20.786	2107179	19.897 ug/ml
22) T n-Tetracontane (C40)	21.693	2088631	19.612 ug/ml

(f)=RT Delta > 1/2 Window

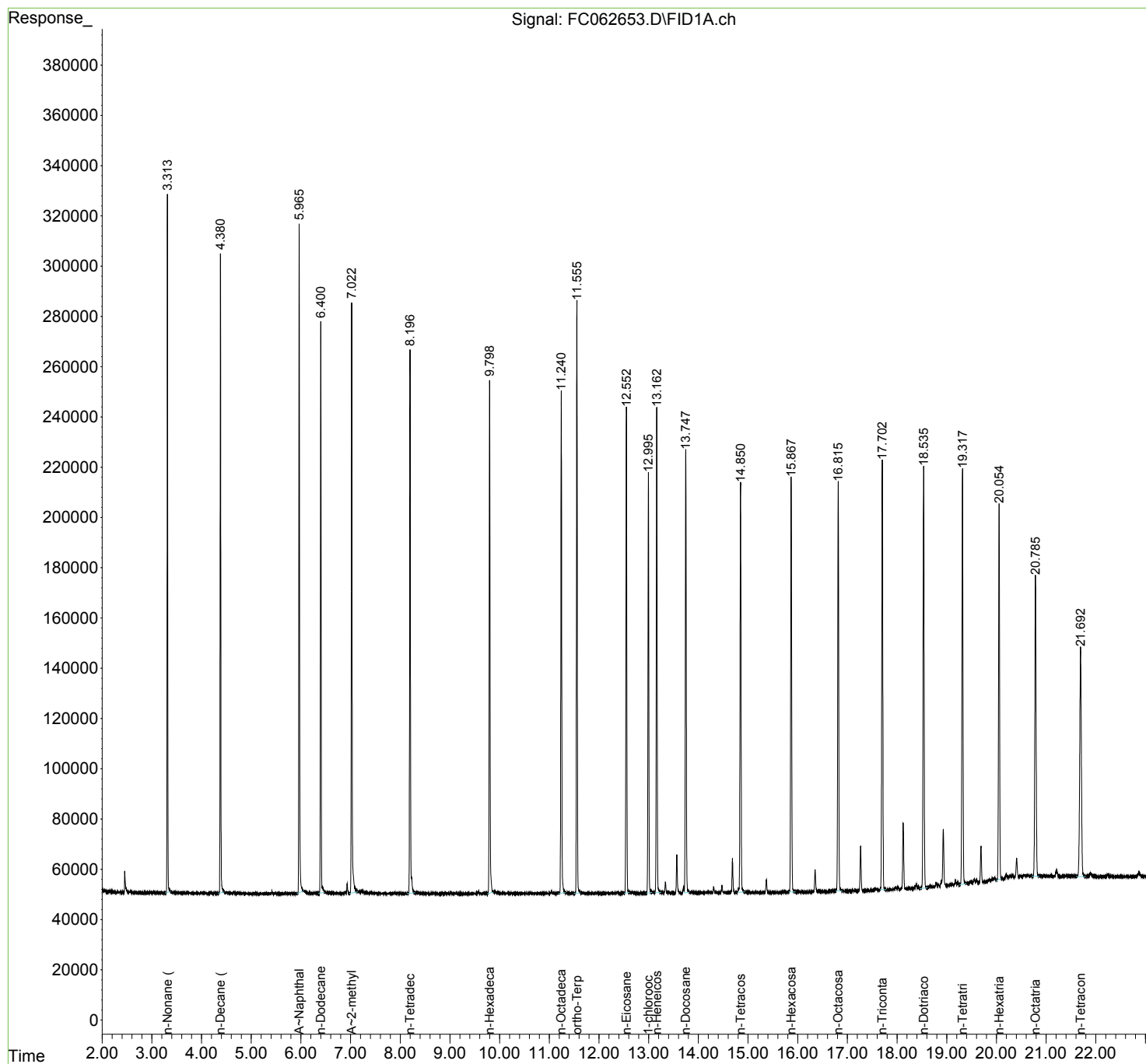
(m)=manual int.

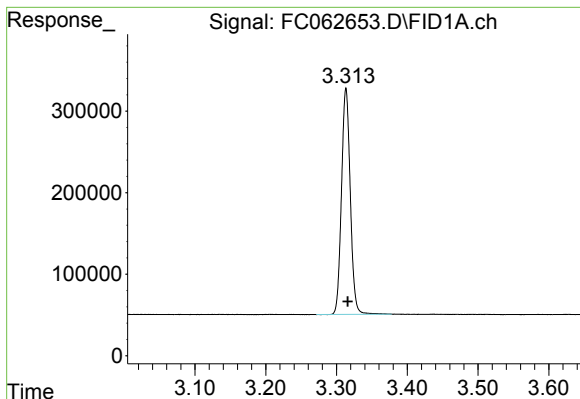
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011323AL\
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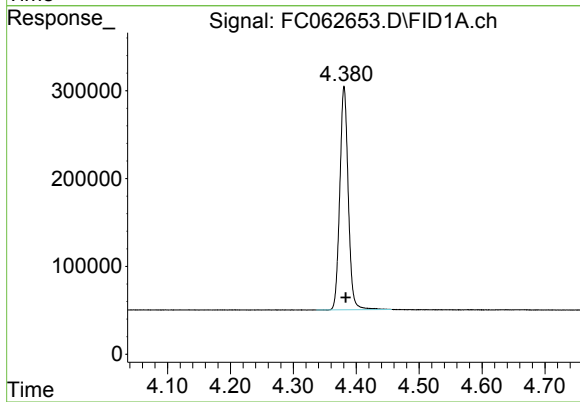




#1 n-Nonane (C9)

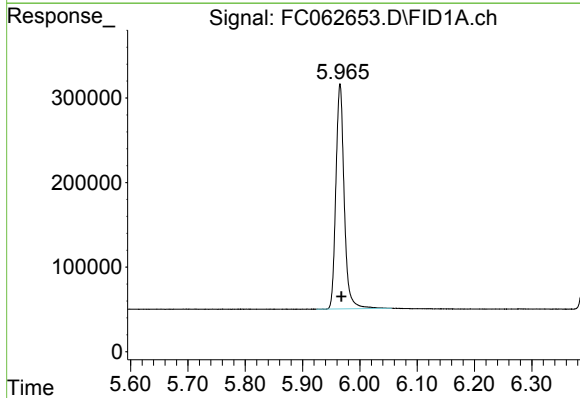
R.T.: 3.313 min
Delta R.T.: -0.003 min
Response: 2392037
Conc: 17.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



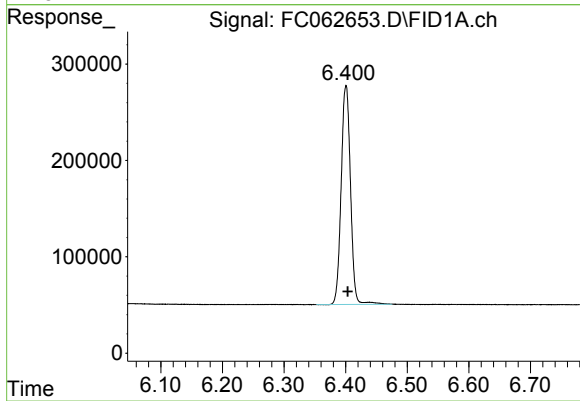
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: -0.002 min
Response: 2369773
Conc: 18.27 ug/ml



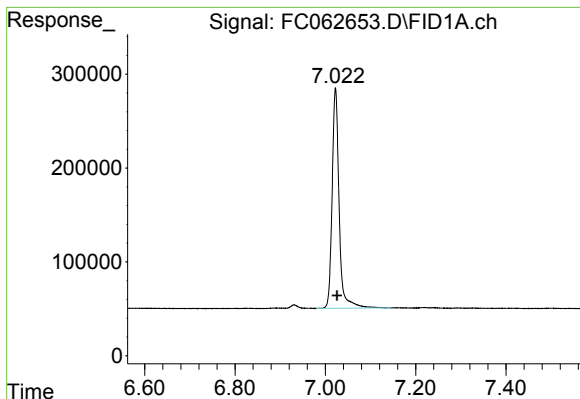
#3 A~Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 2681662
Conc: 18.25 ug/ml



#4 n-Dodecane (C12)

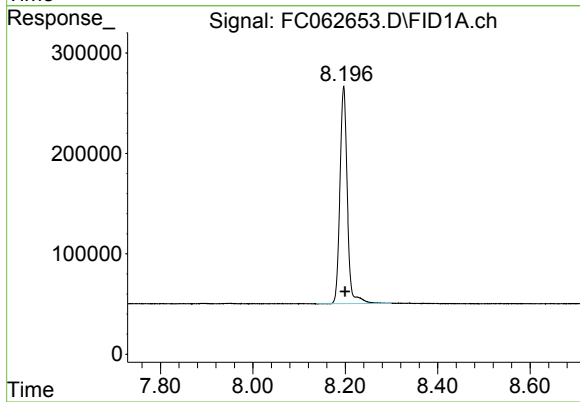
R.T.: 6.401 min
Delta R.T.: -0.003 min
Response: 2390070
Conc: 18.60 ug/ml



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

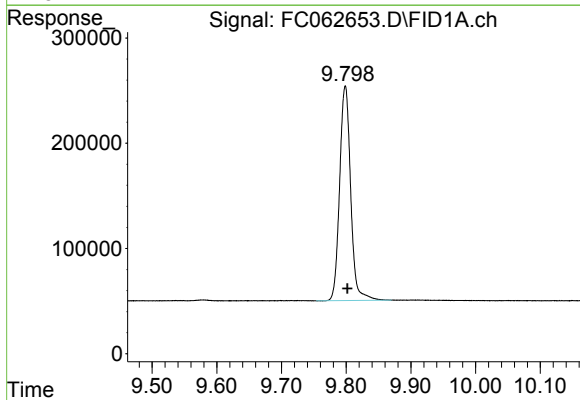
R.T.: 7.023 min
Delta R.T.: -0.003 min
Response: 2527380
Conc: 18.49 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



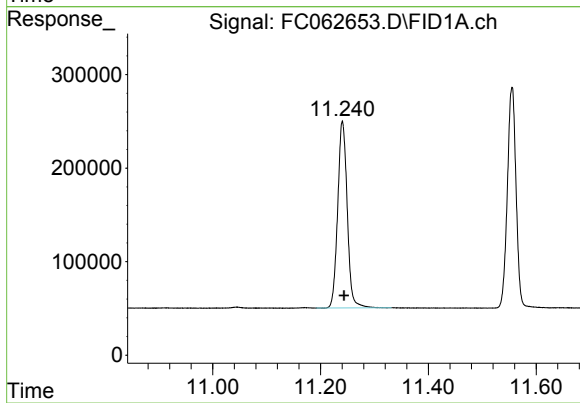
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.003 min
Response: 2391875
Conc: 18.58 ug/ml



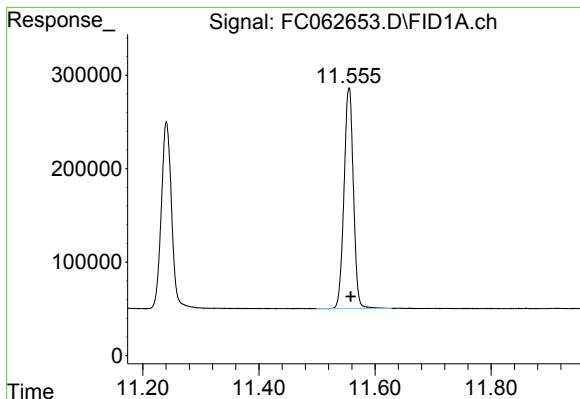
#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: -0.003 min
Response: 2416642
Conc: 18.71 ug/ml



#8 n-Octadecane (C18)

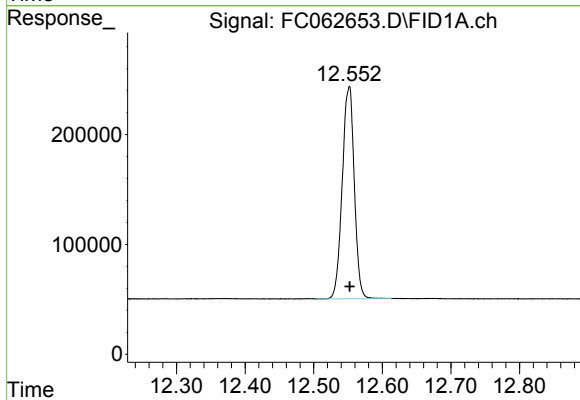
R.T.: 11.241 min
Delta R.T.: -0.003 min
Response: 2446886
Conc: 18.90 ug/ml



#9 ortho-Terphenyl (SURR)

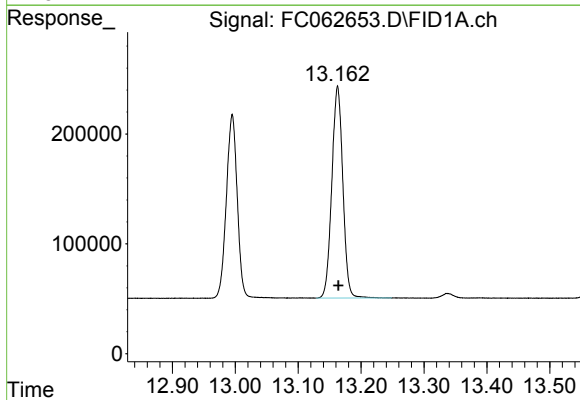
R.T.: 11.555 min
Delta R.T.: -0.003 min
Response: 2650210
Conc: 18.76 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



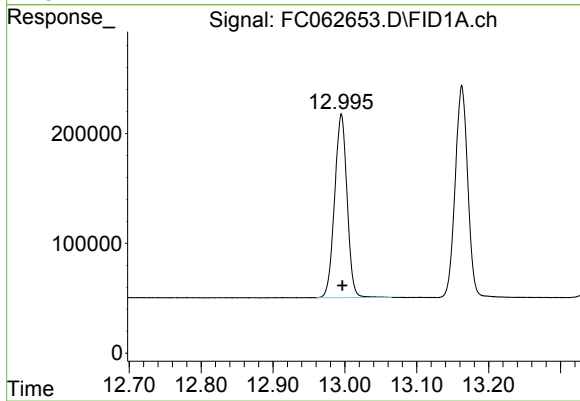
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: 0.000 min
Response: 2355066
Conc: 19.08 ug/ml



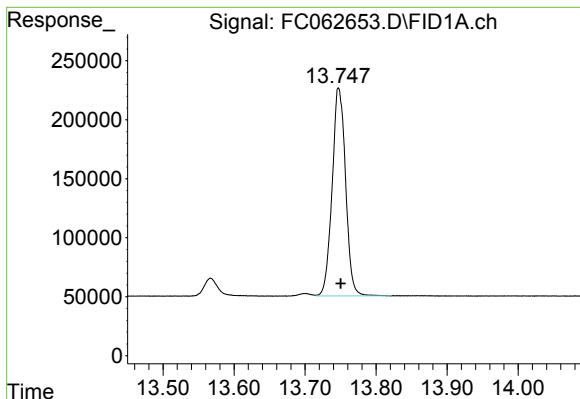
#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: -0.001 min
Response: 2346130
Conc: 19.14 ug/ml



#12 1-chlorooctadecane (SURR)

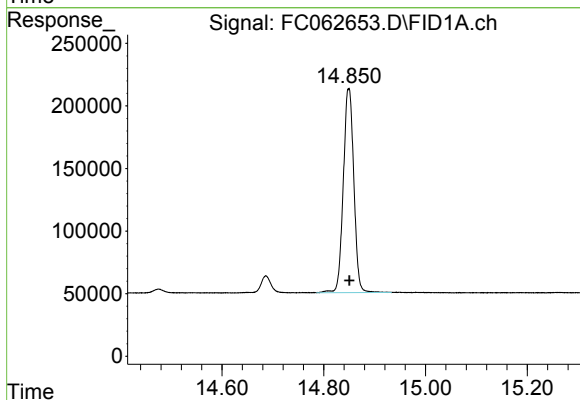
R.T.: 12.995 min
Delta R.T.: -0.001 min
Response: 2012650
Conc: 19.11 ug/ml



#13 n-Docosane (C22)

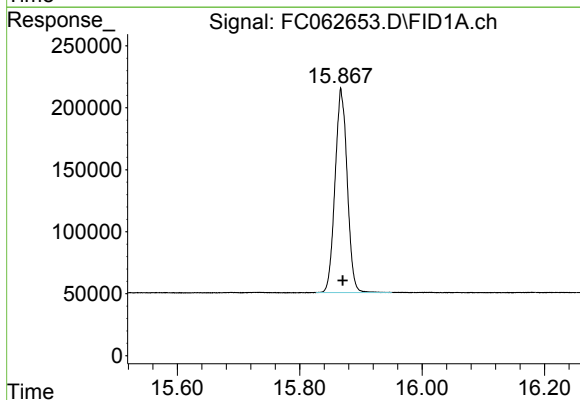
R.T.: 13.747 min
Delta R.T.: -0.003 min
Response: 2320716
Conc: 19.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



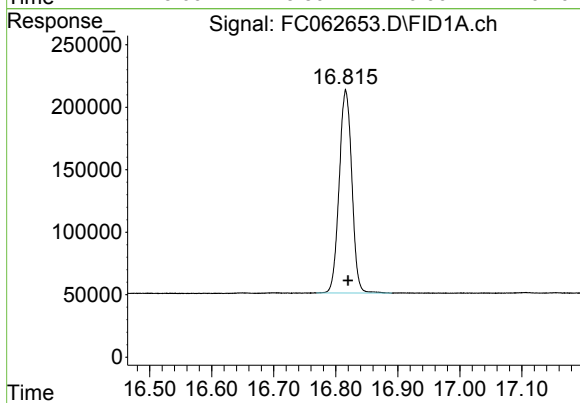
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: -0.002 min
Response: 2333442
Conc: 20.04 ug/ml



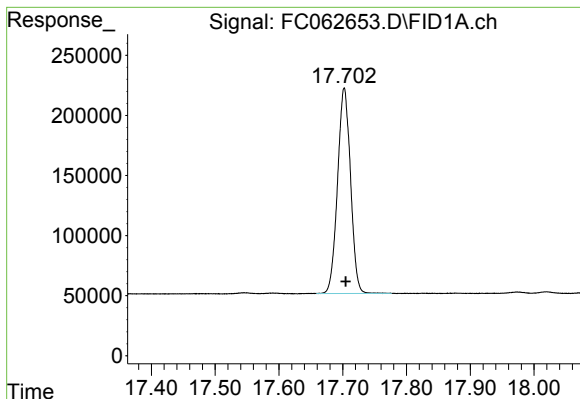
#15 n-Hexacosane (C26)

R.T.: 15.868 min
Delta R.T.: -0.003 min
Response: 2265756
Conc: 20.17 ug/ml



#16 n-Octacosane (C28)

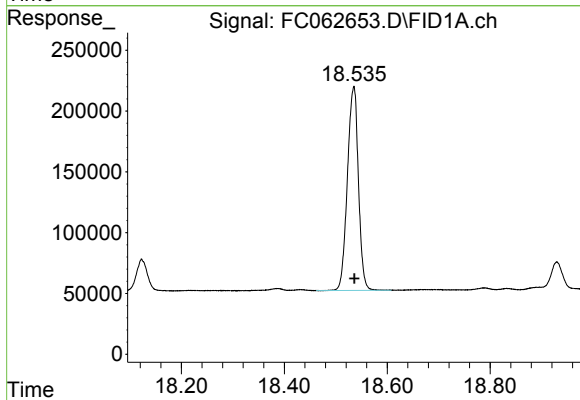
R.T.: 16.816 min
Delta R.T.: -0.004 min
Response: 2303473
Conc: 20.98 ug/ml



#17 n-Tricontane (C30)

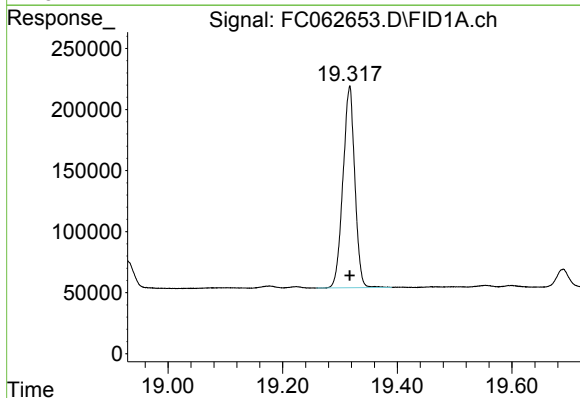
R.T.: 17.702 min
Delta R.T.: -0.003 min
Response: 2413842
Conc: 22.29 ug/ml

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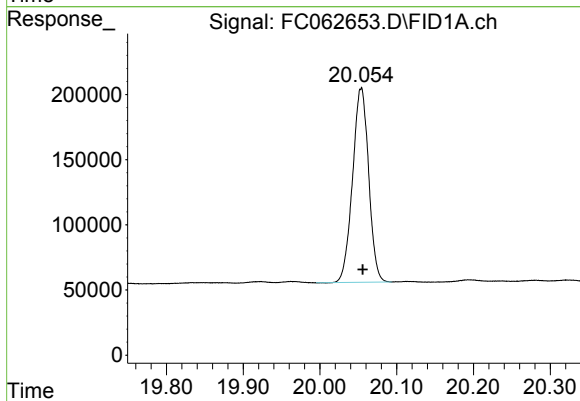
#18 n-Dotriacontane (C32)

R.T.: 18.535 min
Delta R.T.: 0.000 min
Response: 2491222
Conc: 22.82 ug/ml



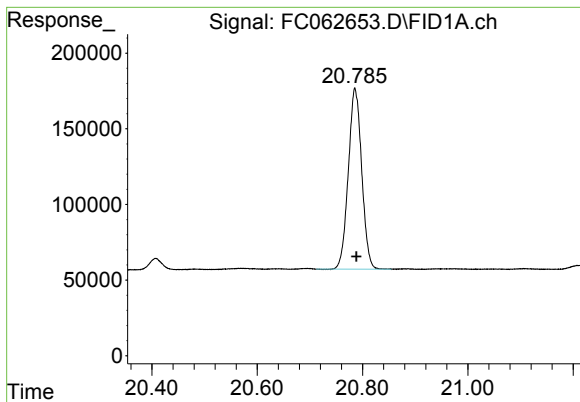
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: 0.000 min
Response: 2373894
Conc: 21.84 ug/ml



#20 n-Hexatriacontane (C36)

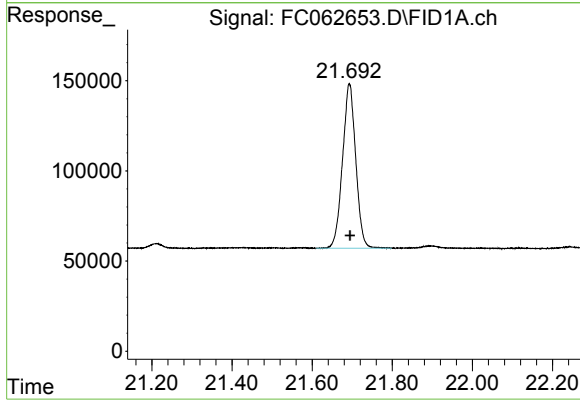
R.T.: 20.054 min
Delta R.T.: -0.002 min
Response: 2173035
Conc: 19.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.786 min
Delta R.T.: -0.003 min
Response: 2107179
Conc: 19.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.693 min
Delta R.T.: -0.002 min
Response: 2088631
Conc: 19.61 ug/ml