

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011323AL\
 Data File : FC062647.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jan 2023 10:05
 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 02:11:05 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)	11.558	2644598	18.718 ug/ml
Spiked Amount 50.000		Recovery =	37.44%
12) S 1-chlorooctadecane (S...	12.997	1996870	18.957 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
Target Compounds			
1) T n-Nonane (C9)	3.314	2426301	18.144 ug/ml
2) T n-Decane (C10)	4.381	2397183	18.483 ug/ml
3) T A~Naphthalene (C11.7)	5.966	2708923	18.434 ug/ml
4) T n-Dodecane (C12)	6.402	2353380	18.311 ug/ml
5) T A~2-methylnaphthalene...	7.025	2530407	18.508 ug/ml
6) T n-Tetradecane (C14)	8.199	2397805	18.627 ug/ml
7) T n-Hexadecane (C16)	9.801	2426406	18.789 ug/ml
8) T n-Octadecane (C18)	11.244	2446210	18.890 ug/ml
10) T n-Eicosane (C20)	12.553	2352566	19.063 ug/ml
11) T n-Heneicosane (C21)	13.165	2333145	19.036 ug/ml
13) T n-Docosane (C22)	13.751	2299486	19.234 ug/ml
14) T n-Tetracosane (C24)	14.851	2312912	19.860 ug/ml
15) T n-Hexacosane (C26)	15.870	2239047	19.931 ug/ml
16) T n-Octacosane (C28)	16.820	2278063	20.747 ug/ml
17) T n-Tricontane (C30)	17.706	2379911	21.976 ug/ml
18) T n-Dotriacontane (C32)	18.535	2453998	22.478 ug/ml
19) T n-Tetratriacontane (C34)	19.317	2343720	21.558 ug/ml
20) T n-Hexatriacontane (C36)	20.055	2239882	20.137 ug/ml
21) T n-Octatriacontane (C38)	20.789	2096289	19.794 ug/ml
22) T n-Tetracontane (C40)	21.696	2086890	19.596 ug/ml

(f)=RT Delta > 1/2 Window

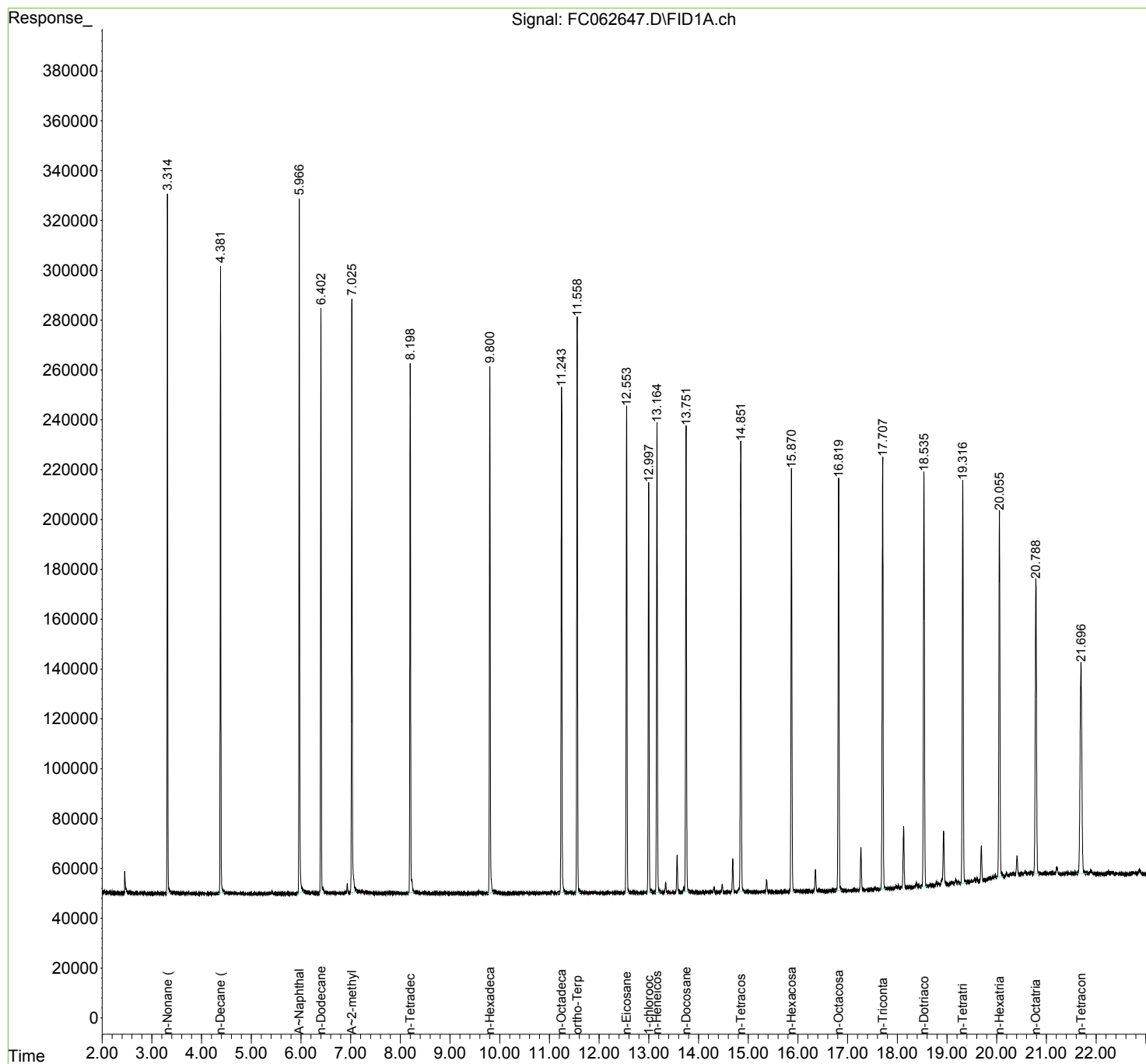
(m)=manual int.

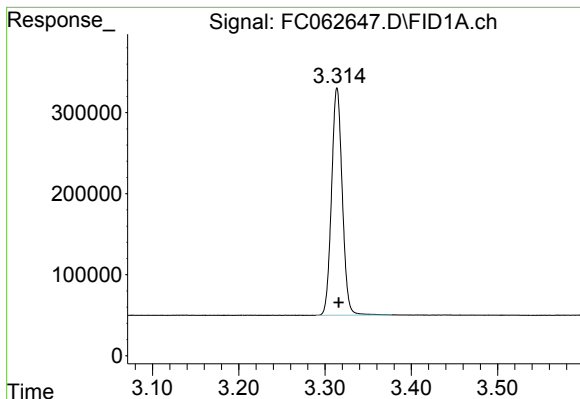
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011323AL\
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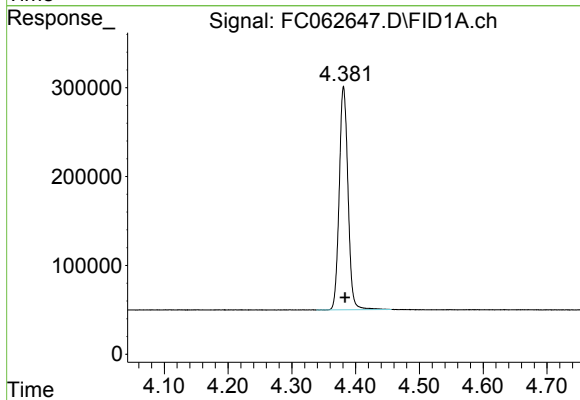




#1 n-Nonane (C9)

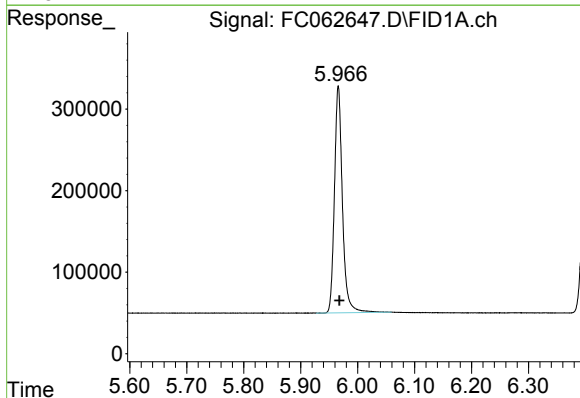
R.T.: 3.314 min
Delta R.T.: -0.002 min
Response: 2426301
Conc: 18.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



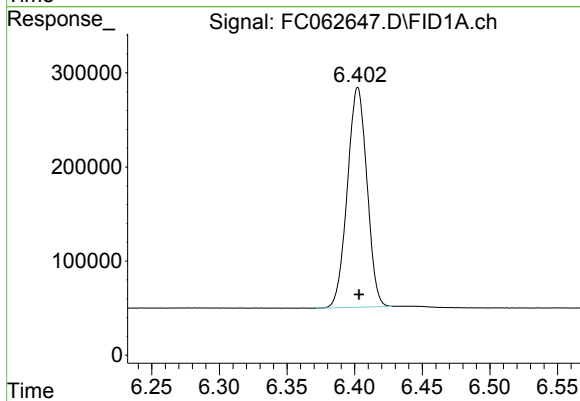
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: -0.002 min
Response: 2397183
Conc: 18.48 ug/ml



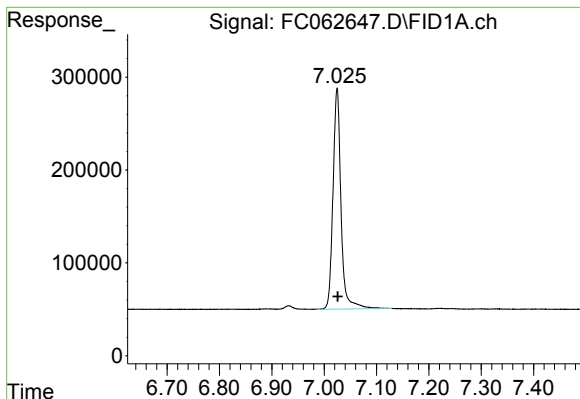
#3 A~Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 2708923
Conc: 18.43 ug/ml



#4 n-Dodecane (C12)

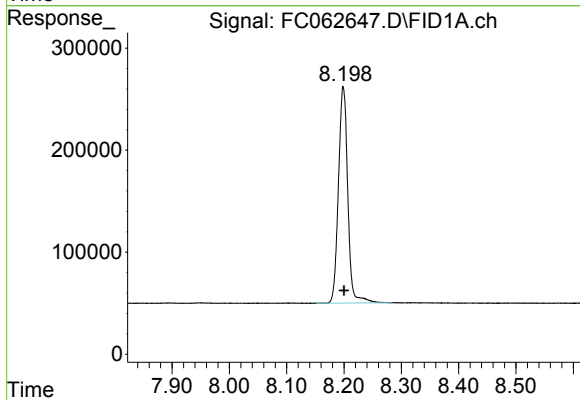
R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 2353380
Conc: 18.31 ug/ml



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

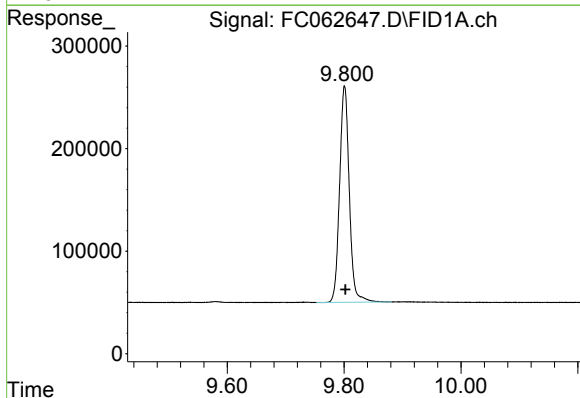
R.T.: 7.025 min
Delta R.T.: -0.001 min
Response: 2530407
Conc: 18.51 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



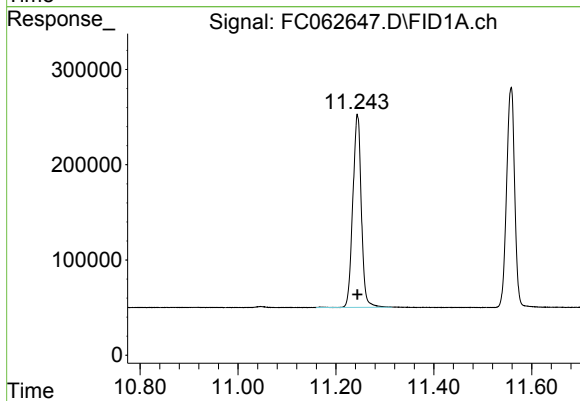
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: -0.001 min
Response: 2397805
Conc: 18.63 ug/ml



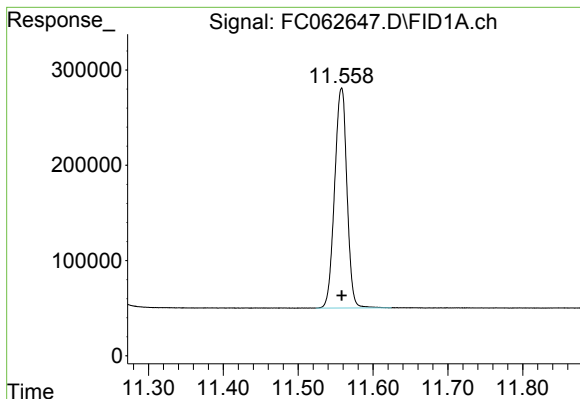
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.001 min
Response: 2426406
Conc: 18.79 ug/ml



#8 n-Octadecane (C18)

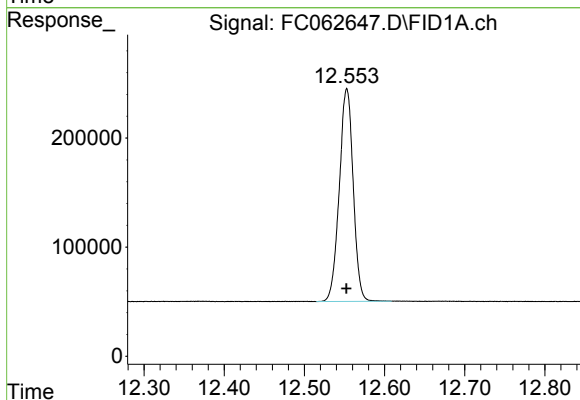
R.T.: 11.244 min
Delta R.T.: 0.000 min
Response: 2446210
Conc: 18.89 ug/ml



#9 ortho-Terphenyl (SURR)

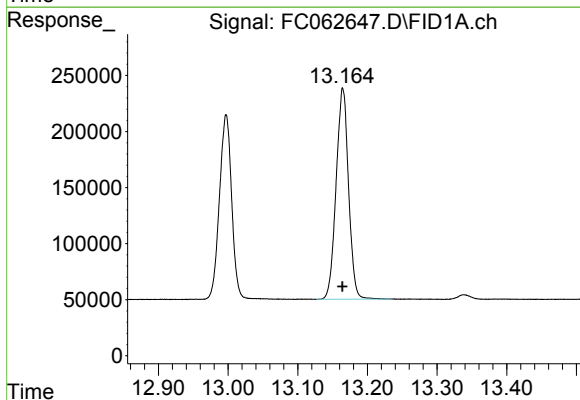
R.T.: 11.558 min
Delta R.T.: 0.000 min
Response: 2644598
Conc: 18.72 ug/ml

Instrument :
FID_C
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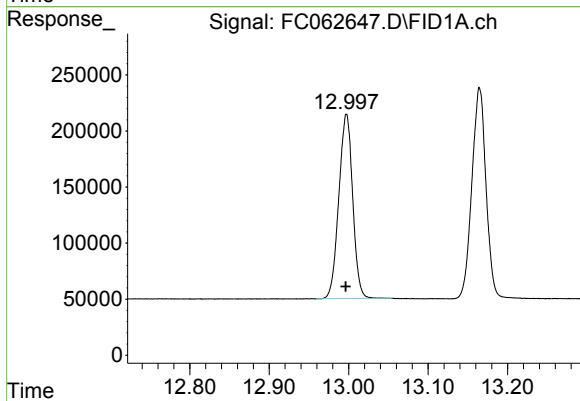
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: 0.000 min
Response: 2352566
Conc: 19.06 ug/ml



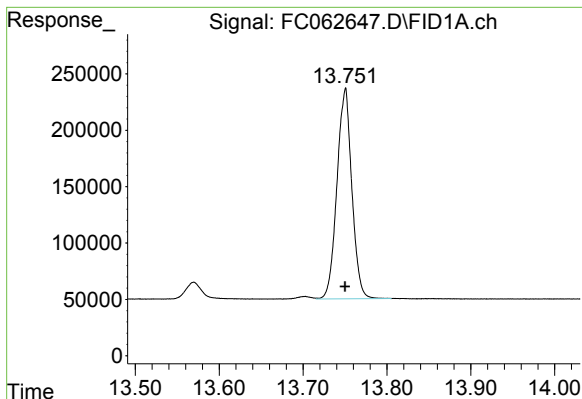
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: 0.000 min
Response: 2333145
Conc: 19.04 ug/ml



#12 1-chlorooctadecane (SURR)

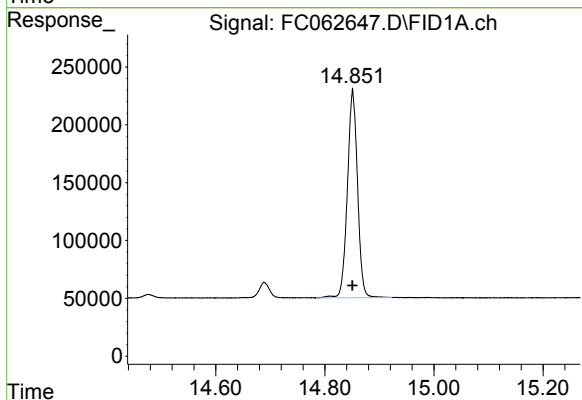
R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 1996870
Conc: 18.96 ug/ml



#13 n-Docosane (C22)

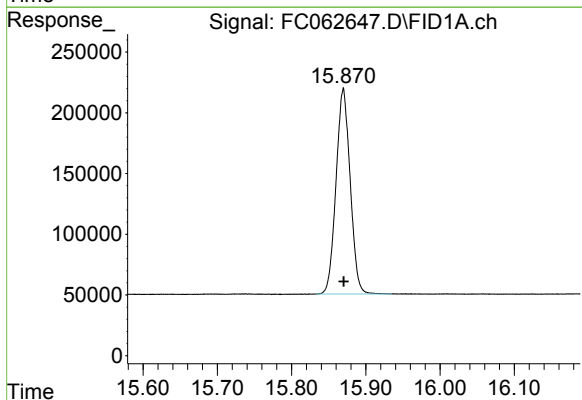
R.T.: 13.751 min
Delta R.T.: 0.000 min
Response: 2299486
Conc: 19.23 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



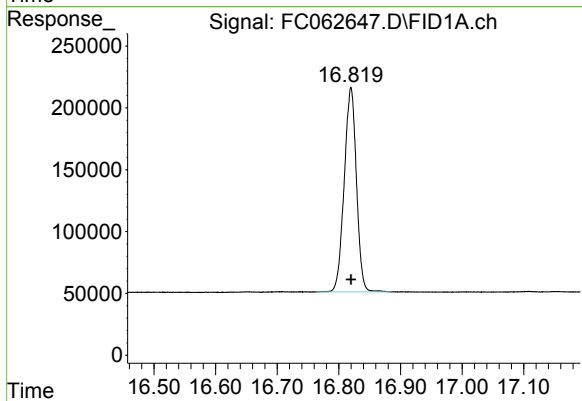
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: 0.000 min
Response: 2312912
Conc: 19.86 ug/ml



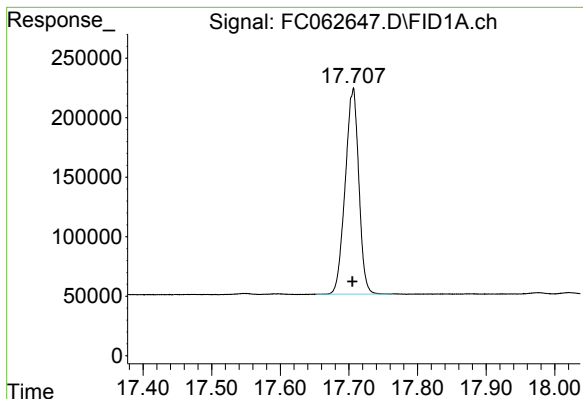
#15 n-Hexacosane (C26)

R.T.: 15.870 min
Delta R.T.: 0.000 min
Response: 2239047
Conc: 19.93 ug/ml



#16 n-Octacosane (C28)

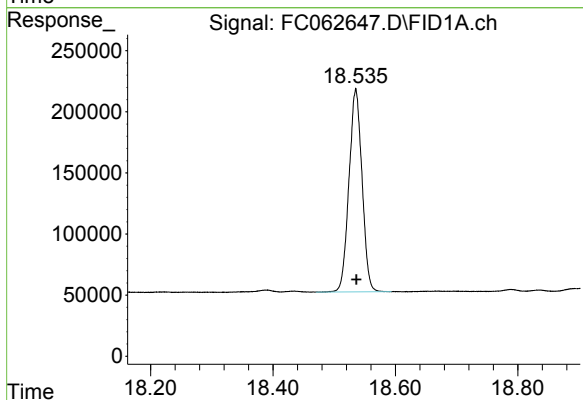
R.T.: 16.820 min
Delta R.T.: 0.000 min
Response: 2278063
Conc: 20.75 ug/ml



#17 n-Tricontane (C30)

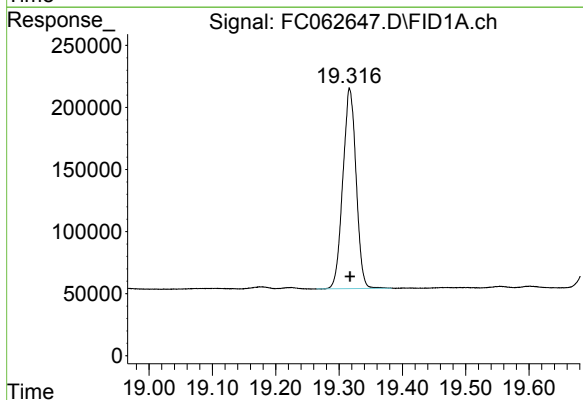
R.T.: 17.706 min
Delta R.T.: 0.001 min
Response: 2379911
Conc: 21.98 ug/ml

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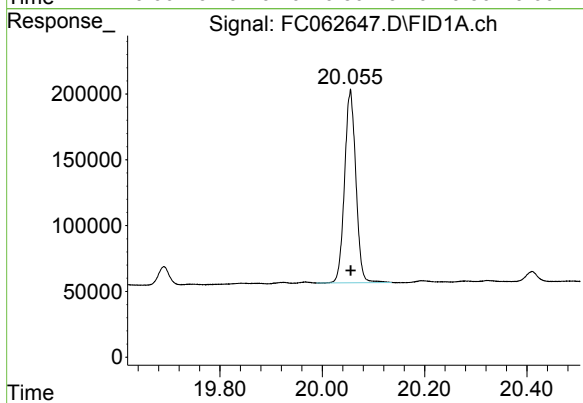
#18 n-Dotriacontane (C32)

R.T.: 18.535 min
Delta R.T.: 0.000 min
Response: 2453998
Conc: 22.48 ug/ml



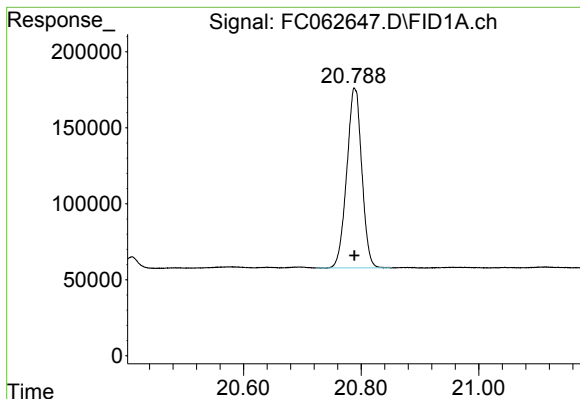
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: 0.000 min
Response: 2343720
Conc: 21.56 ug/ml



#20 n-Hexatriacontane (C36)

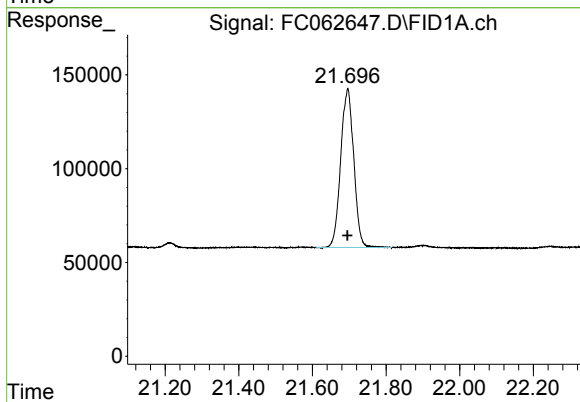
R.T.: 20.055 min
Delta R.T.: 0.000 min
Response: 2239882
Conc: 20.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.789 min
Delta R.T.: 0.000 min
Response: 2096289
Conc: 19.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.696 min
Delta R.T.: 0.001 min
Response: 2086890
Conc: 19.60 ug/ml