

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080124AL\
 Data File : FC066883.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2024 09:34
 Operator : YP/AJ
 Sample : P3390-03
 Misc : 2.5 PPM SOIL MDL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 02 02:56:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 2024
 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			
12) S 1-chlorooctadecane (S...	12.956	3411521	30.510 ug/ml
Spiked Amount 50.000		Recovery =	61.02%
Target Compounds			
1) T n-Nonane (C9)	3.285	193488	1.364 ug/ml
2) T n-Decane (C10)	4.350	235423	1.593 ug/ml
4) T n-Dodecane (C12)	6.367	365998	2.441 ug/ml
6) T n-Tetradecane (C14)	8.161	330108	2.256 ug/ml
7) T n-Hexadecane (C16)	9.762	286185	1.912 ug/ml
8) T n-Octadecane (C18)	11.202	294441	1.984 ug/ml
10) T n-Eicosane (C20)	12.511	299135	2.146 ug/ml
11) T n-Heneicosane (C21)	13.123	270414	1.985 ug/ml
13) T n-Docosane (C22)	13.708	286301	2.131 ug/ml
14) T n-Tetracosane (C24)	14.810	287127	2.159 ug/ml
15) T n-Hexacosane (C26)	15.831	281733	2.165 ug/ml
16) T n-Octacosane (C28)	16.781	285293	2.261 ug/ml
17) T n-Tricontane (C30)	17.666	311795	2.425 ug/ml
18) T n-Dotriacontane (C32)	18.500	317280	2.520 ug/ml
19) T n-Tetratriacontane (C34)	19.283	302222	2.443 ug/ml
20) T n-Hexatriacontane (C36)	20.023	257957	2.218 ug/ml
21) T n-Octatriacontane (C38)	20.750	264773	2.383 ug/ml
22) T n-Tetracontane (C40)	21.646	241007	2.217 ug/ml

(f)=RT Delta > 1/2 Window

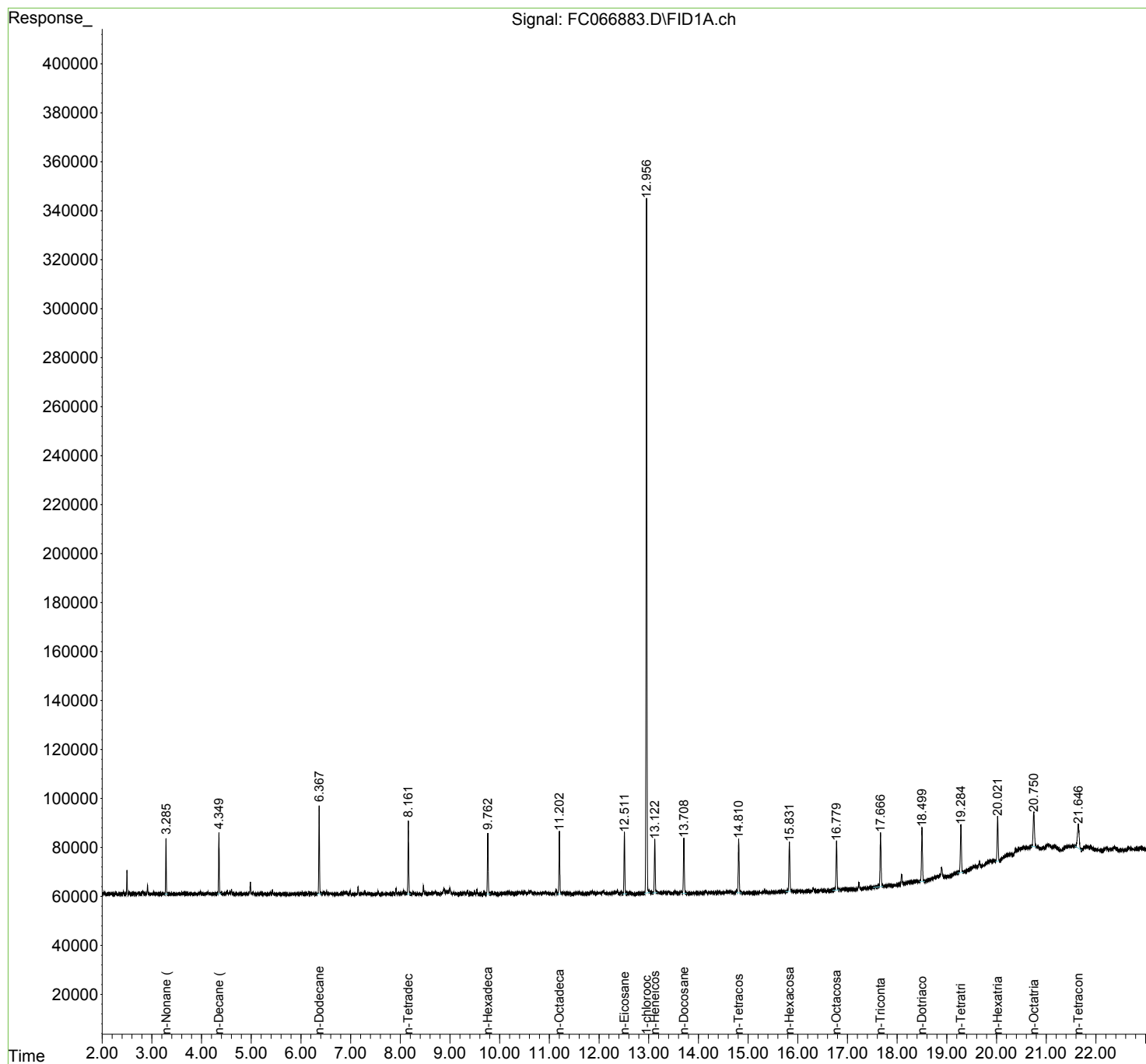
(m)=manual int.

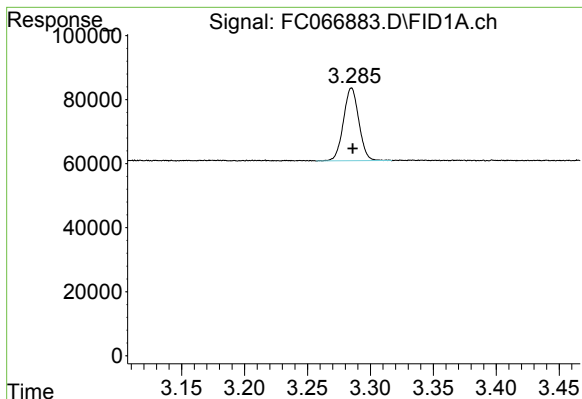
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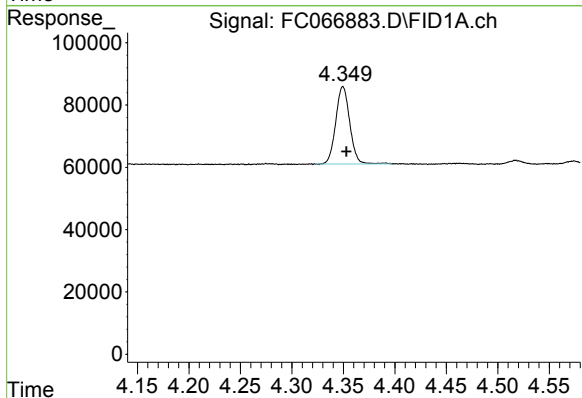




#1 n-Nonane (C9)

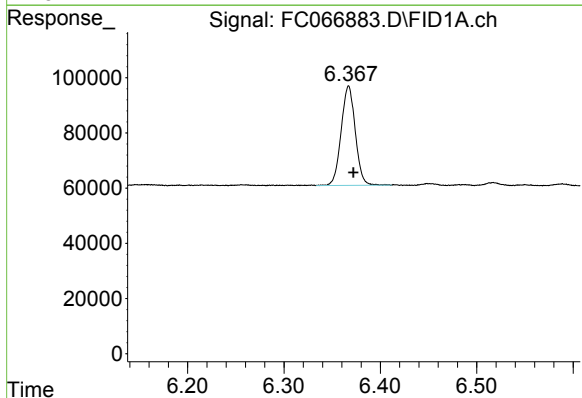
R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 193488
Conc: 1.36 ug/ml

Instrument :
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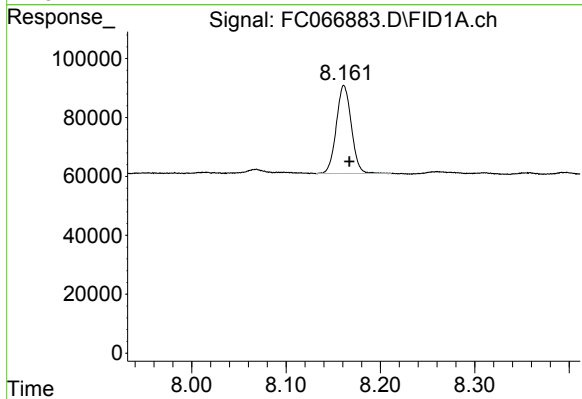
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 235423
Conc: 1.59 ug/ml



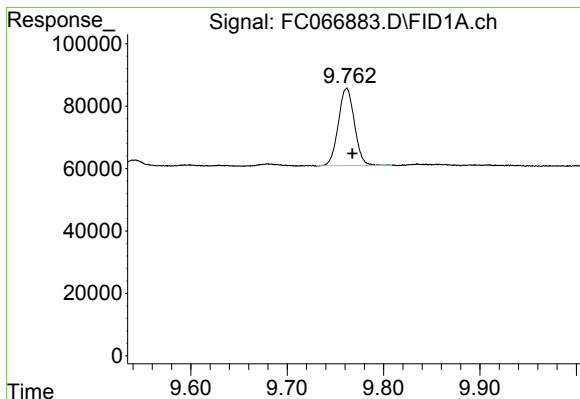
#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: -0.005 min
Response: 365998
Conc: 2.44 ug/ml



#6 n-Tetradecane (C14)

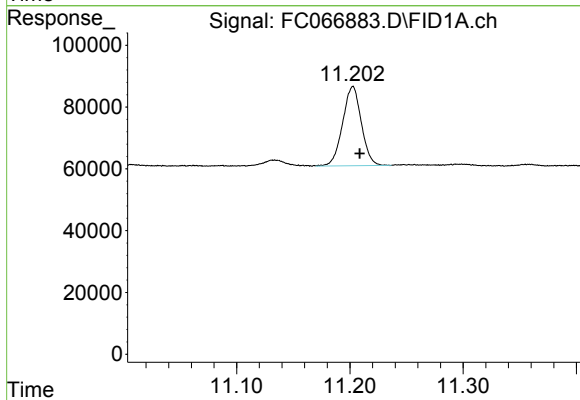
R.T.: 8.161 min
Delta R.T.: -0.006 min
Response: 330108
Conc: 2.26 ug/ml



#7 n-Hexadecane (C16)

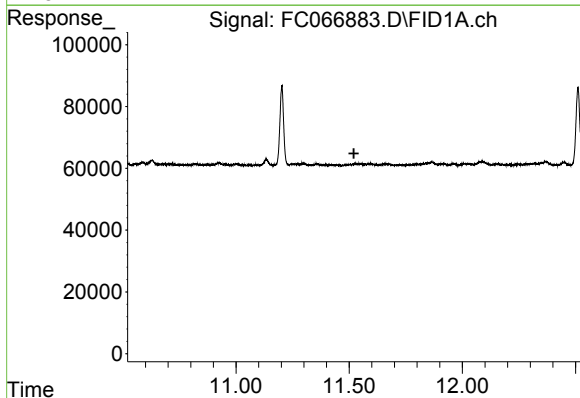
R.T.: 9.762 min
Delta R.T.: -0.006 min
Response: 286185
Conc: 1.91 ug/ml

Instrument :
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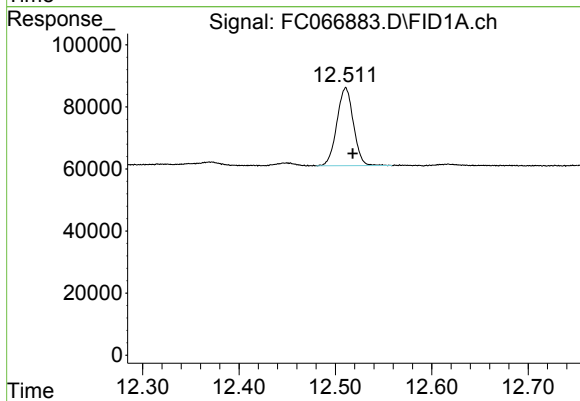
#8 n-Octadecane (C18)

R.T.: 11.202 min
Delta R.T.: -0.006 min
Response: 294441
Conc: 1.98 ug/ml



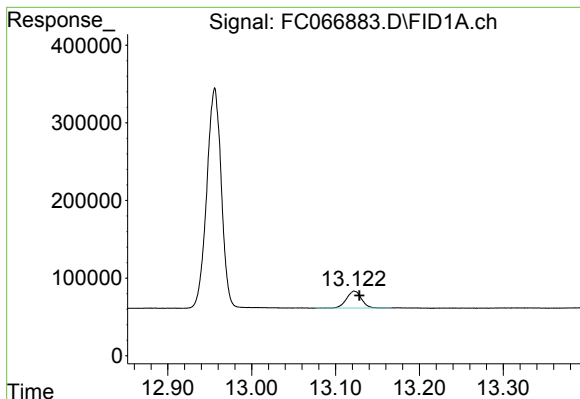
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 11.521 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

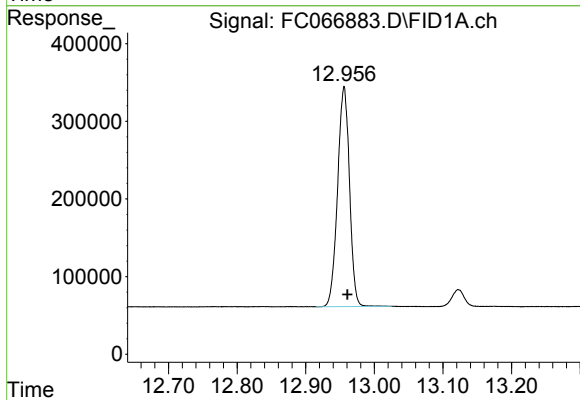
R.T.: 12.511 min
Delta R.T.: -0.007 min
Response: 299135
Conc: 2.15 ug/ml



#11 n-Heneicosane (C21)

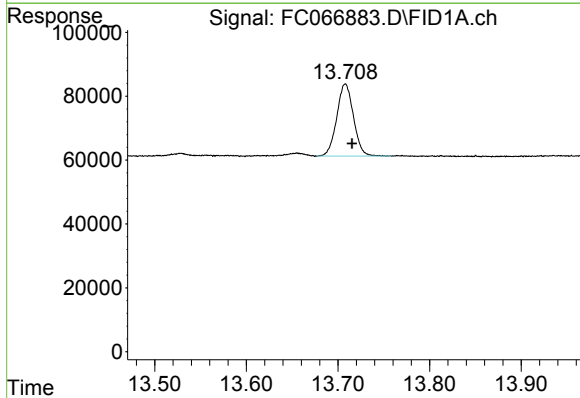
R.T.: 13.123 min
Delta R.T.: -0.006 min
Response: 270414
Conc: 1.99 ug/ml

Instrument :
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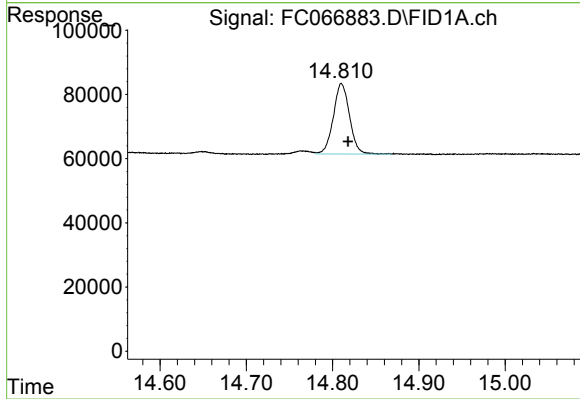
#12 1-chlorooctadecane (SURR)

R.T.: 12.956 min
Delta R.T.: -0.005 min
Response: 3411521
Conc: 30.51 ug/ml



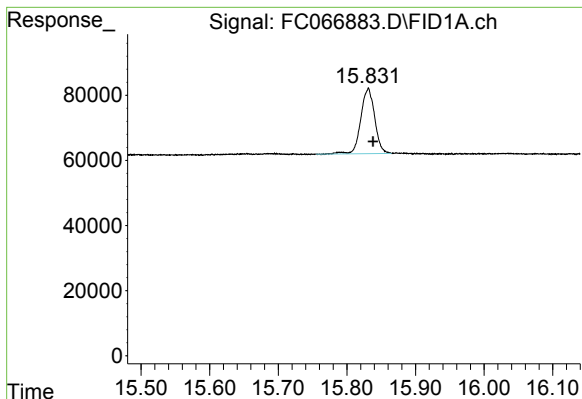
#13 n-Docosane (C22)

R.T.: 13.708 min
Delta R.T.: -0.007 min
Response: 286301
Conc: 2.13 ug/ml



#14 n-Tetracosane (C24)

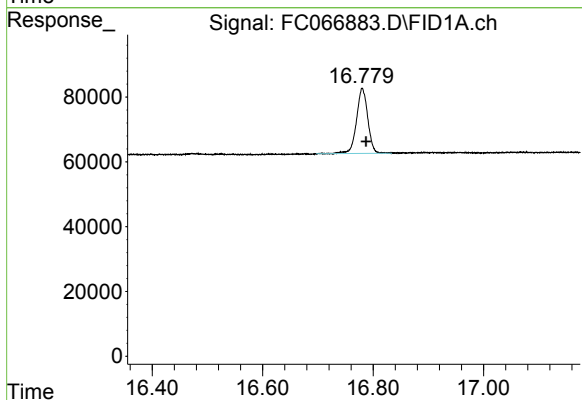
R.T.: 14.810 min
Delta R.T.: -0.007 min
Response: 287127
Conc: 2.16 ug/ml



#15 n-Hexacosane (C26)

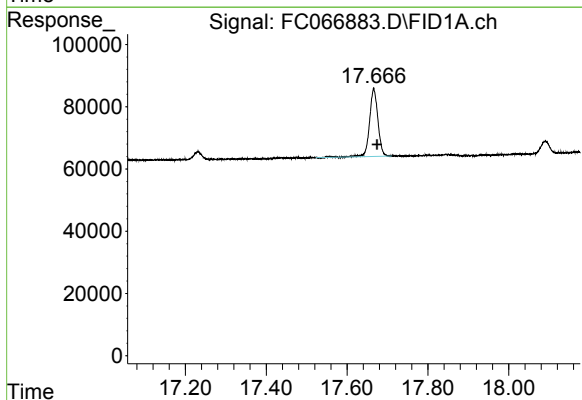
R.T.: 15.831 min
Delta R.T.: -0.007 min
Response: 281733
Conc: 2.17 ug/ml

Instrument :
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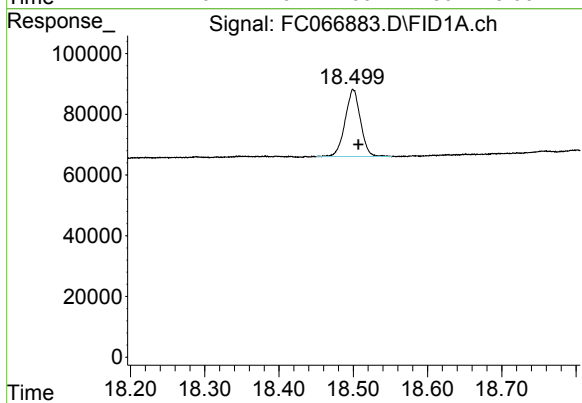
#16 n-Octacosane (C28)

R.T.: 16.781 min
Delta R.T.: -0.007 min
Response: 285293
Conc: 2.26 ug/ml



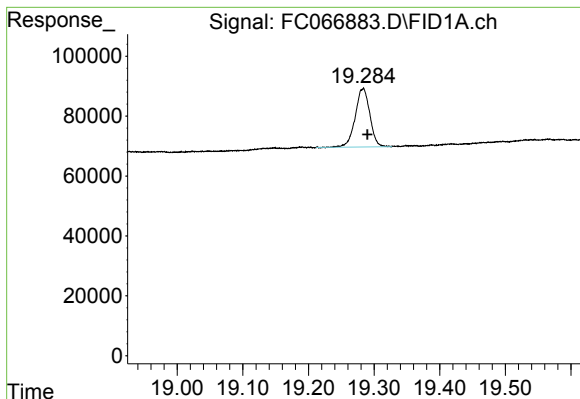
#17 n-Tricontane (C30)

R.T.: 17.666 min
Delta R.T.: -0.008 min
Response: 311795
Conc: 2.42 ug/ml



#18 n-Dotriacontane (C32)

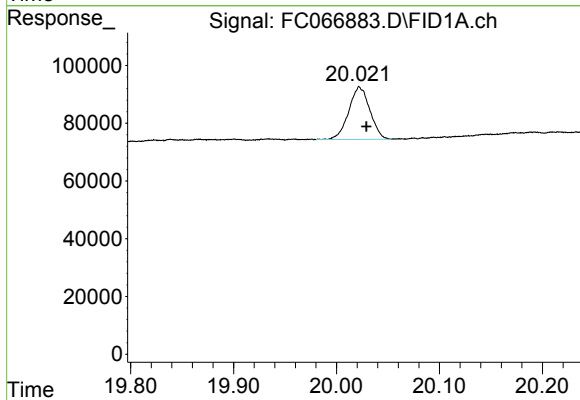
R.T.: 18.500 min
Delta R.T.: -0.007 min
Response: 317280
Conc: 2.52 ug/ml



#19 n-Tetratriacontane (C34)

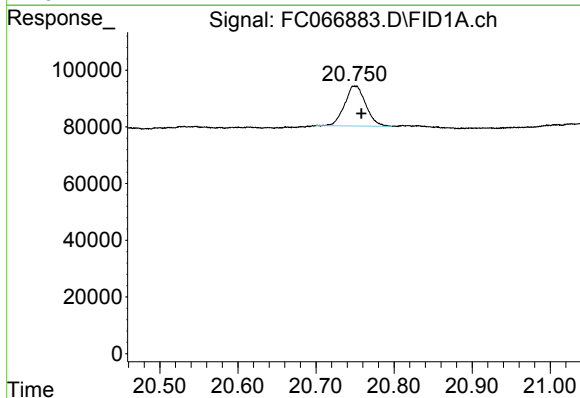
R.T.: 19.283 min
Delta R.T.: -0.007 min
Response: 302222
Conc: 2.44 ug/ml

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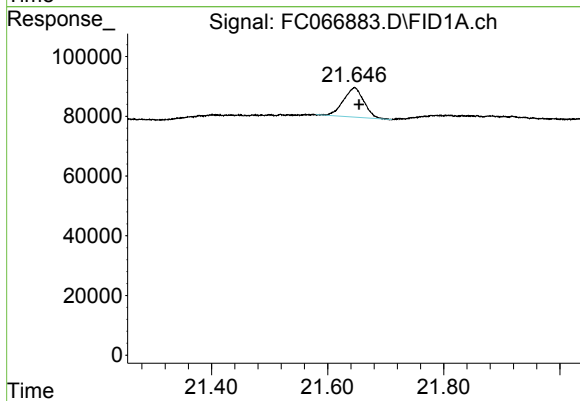
#20 n-Hexatriacontane (C36)

R.T.: 20.023 min
Delta R.T.: -0.007 min
Response: 257957
Conc: 2.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.750 min
Delta R.T.: -0.008 min
Response: 264773
Conc: 2.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.646 min
Delta R.T.: -0.008 min
Response: 241007
Conc: 2.22 ug/ml