

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041524AL\
 Data File : FC066201.D
 Signal(s) : FID1A.ch
 Acq On : 15 Apr 2024 18:20
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 08:14:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:09:45 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			
9) S ortho-Terphenyl (SURR)	11.582	12398815	94.593 ug/ml
Spiked Amount 50.000		Recovery =	189.19%
12) S 1-chlorooctadecane (S...	13.020	8872913	94.930 ug/ml
Spiked Amount 50.000		Recovery =	189.86%
Target Compounds			
1) T n-Nonane (C9)	3.323	11857157	95.955 ug/ml
2) T n-Decane (C10)	4.396	11965865	95.863 ug/ml
3) T A~Naphthalene (C11.7)	5.982	13215060	95.962 ug/ml
4) T n-Dodecane (C12)	6.420	11704938	95.220 ug/ml
5) T A~2-methylnaphthalene...	7.041	12608041	95.760 ug/ml
6) T n-Tetradecane (C14)	8.217	11231414	94.539 ug/ml
7) T n-Hexadecane (C16)	9.821	11249115	93.863 ug/ml
8) T n-Octadecane (C18)	11.267	11144929	93.256 ug/ml
10) T n-Eicosane (C20)	12.576	10562638	93.354 ug/ml
11) T n-Heneicosane (C21)	13.189	10358892	93.485 ug/ml
13) T n-Docosane (C22)	13.775	10278919	93.561 ug/ml
14) T n-Tetracosane (C24)	14.880	10255918	93.909 ug/ml
15) T n-Hexacosane (C26)	15.903	10170877	94.522 ug/ml
16) T n-Octacosane (C28)	16.853	10059581	94.991 ug/ml
17) T n-Tricontane (C30)	17.742	10251488	94.956 ug/ml
18) T n-Dotriacontane (C32)	18.576	10104008	94.709 ug/ml
19) T n-Tetratriacontane (C34)	19.361	9892671	95.610 ug/ml
20) T n-Hexatriacontane (C36)	20.101	9546805	97.459 ug/ml
21) T n-Octatriacontane (C38)	20.843	9180890	97.456 ug/ml
22) T n-Tetracontane (C40)	21.764	8333275	94.786 ug/ml

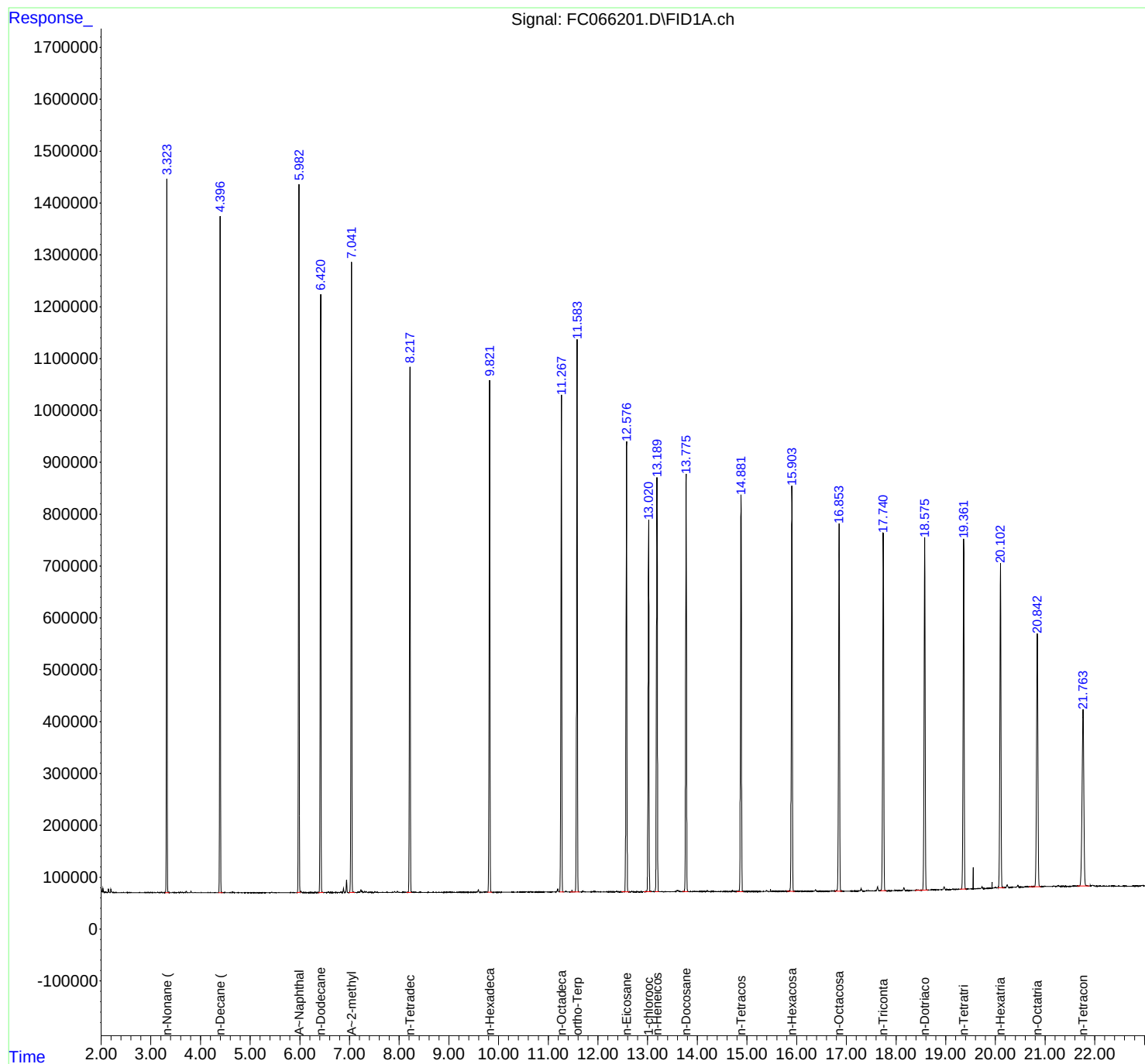
(f)=RT Delta > 1/2 Window

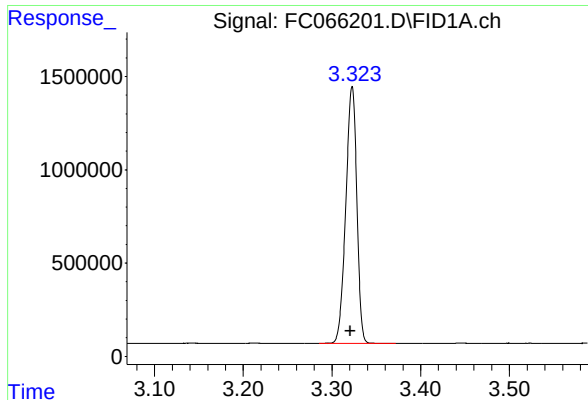
(m)=manual int.

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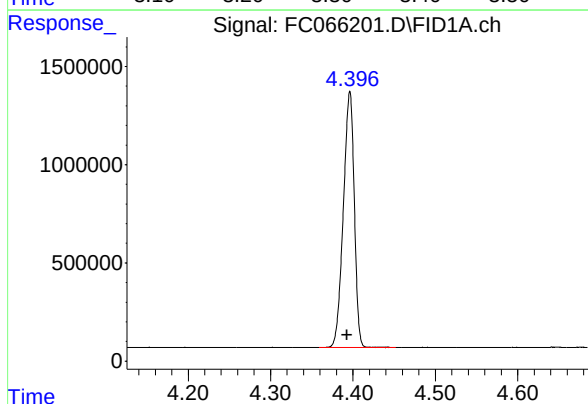
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





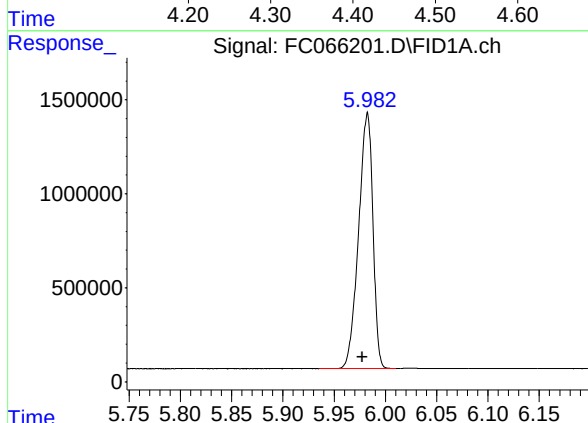
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: 0.002 min
Response: 11857157
Conc: 95.96 ug/ml



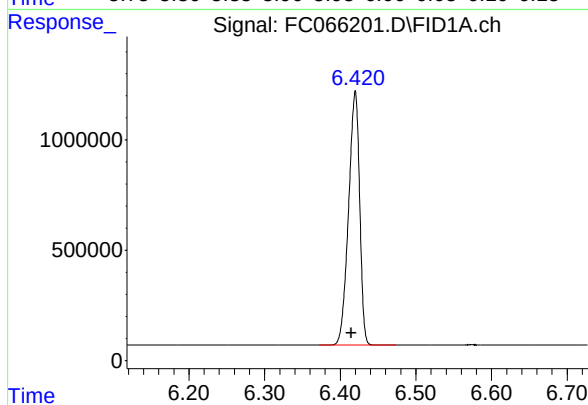
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: 0.003 min
Response: 11965865
Conc: 95.86 ug/ml



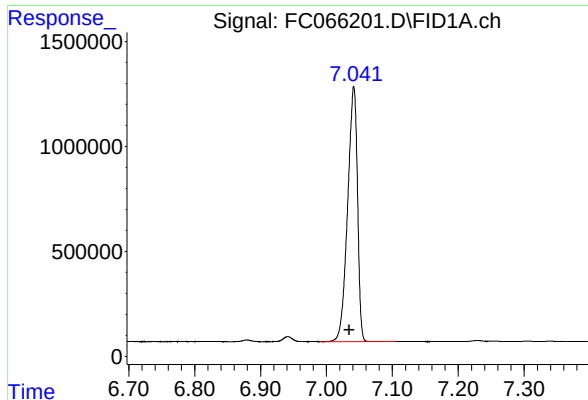
#3 A~Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: 0.005 min
Response: 13215060
Conc: 95.96 ug/ml



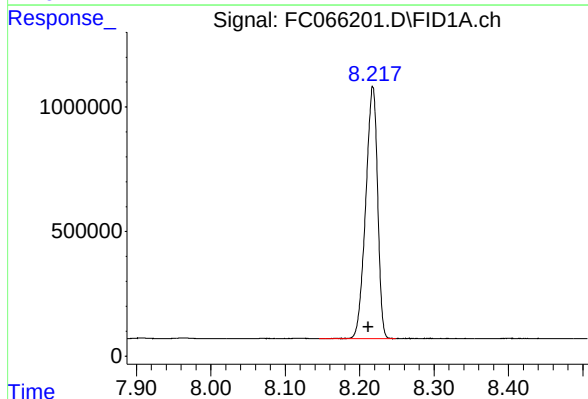
#4 n-Dodecane (C12)

R.T.: 6.420 min
Delta R.T.: 0.005 min
Response: 11704938
Conc: 95.22 ug/ml



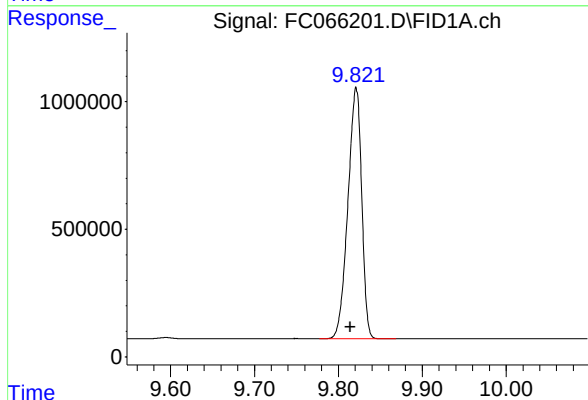
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.041 min
Delta R.T.: 0.006 min
Response: 12608041
Conc: 95.76 ug/ml



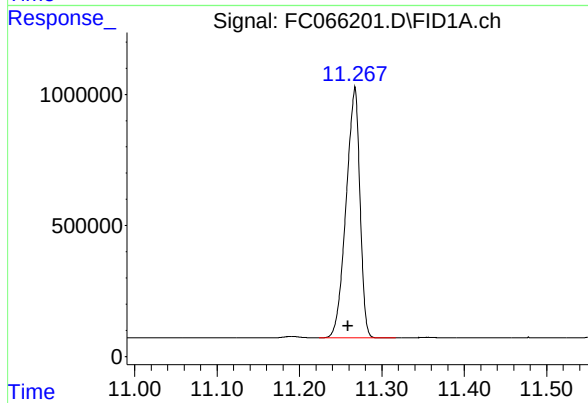
#6 n-Tetradecane (C14)

R.T.: 8.217 min
Delta R.T.: 0.006 min
Response: 11231414
Conc: 94.54 ug/ml



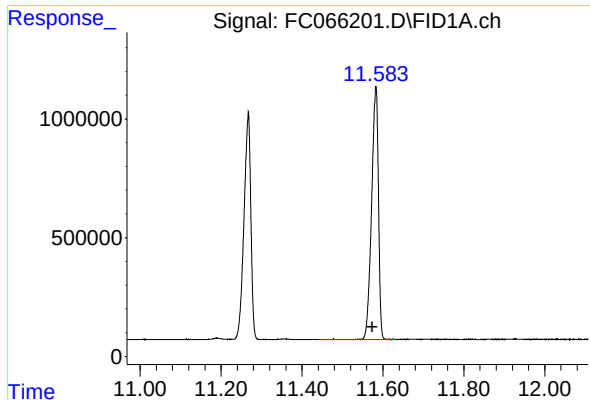
#7 n-Hexadecane (C16)

R.T.: 9.821 min
Delta R.T.: 0.006 min
Response: 11249115
Conc: 93.86 ug/ml



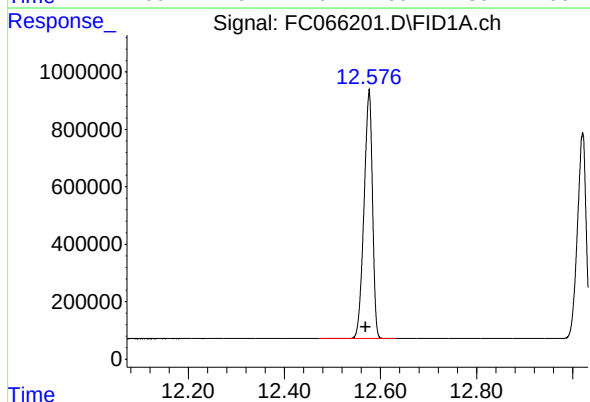
#8 n-Octadecane (C18)

R.T.: 11.267 min
Delta R.T.: 0.008 min
Response: 11144929
Conc: 93.26 ug/ml



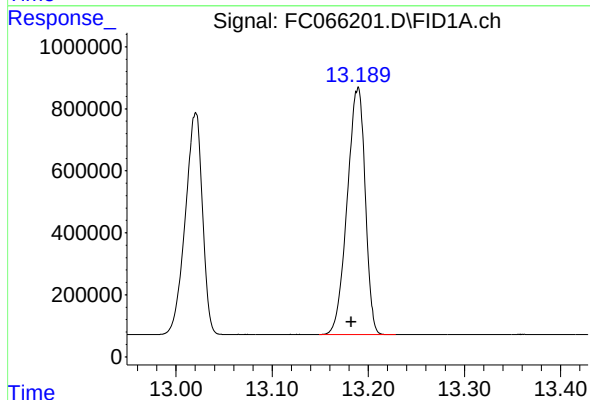
#9 ortho-Terphenyl (SURR)

R.T.: 11.582 min
Delta R.T.: 0.009 min
Response: 12398815
Conc: 94.59 ug/ml



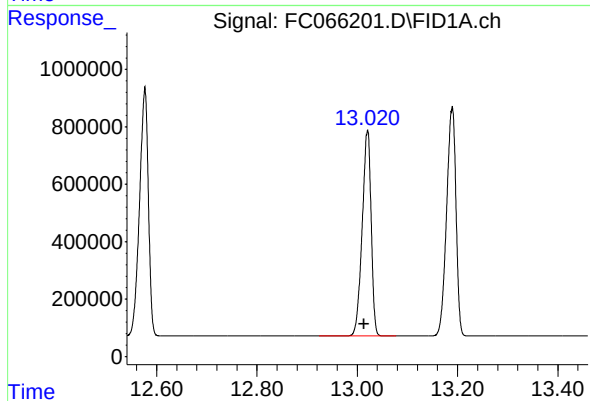
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: 0.007 min
Response: 10562638
Conc: 93.35 ug/ml



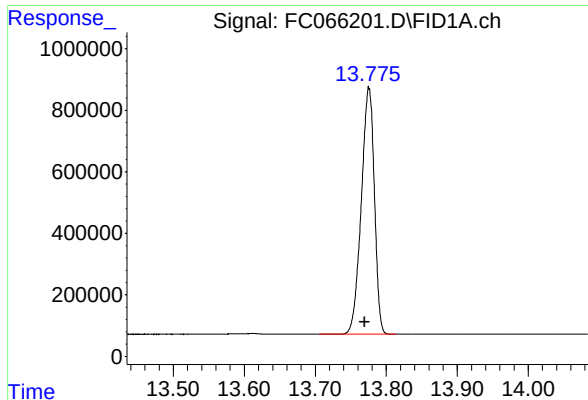
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: 0.007 min
Response: 10358892
Conc: 93.48 ug/ml



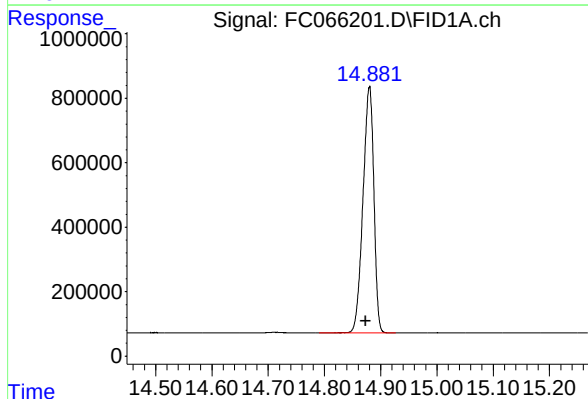
#12 1-chlorooctadecane (SURR)

R.T.: 13.020 min
Delta R.T.: 0.007 min
Response: 8872913
Conc: 94.93 ug/ml



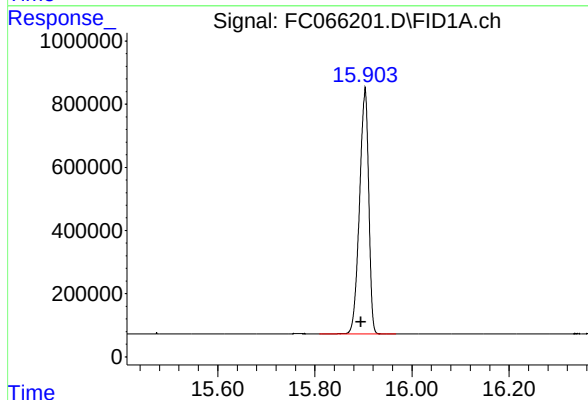
#13 n-Docosane (C22)

R.T.: 13.775 min
Delta R.T.: 0.006 min
Response: 10278919
Conc: 93.56 ug/ml



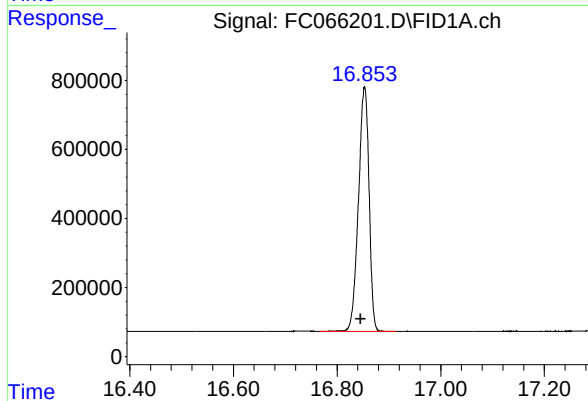
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: 0.007 min
Response: 10255918
Conc: 93.91 ug/ml



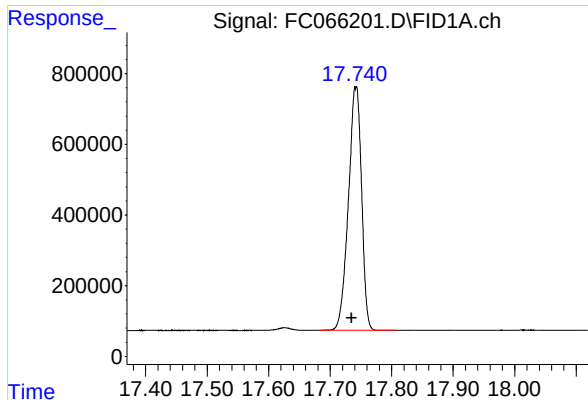
#15 n-Hexacosane (C26)

R.T.: 15.903 min
Delta R.T.: 0.008 min
Response: 10170877
Conc: 94.52 ug/ml



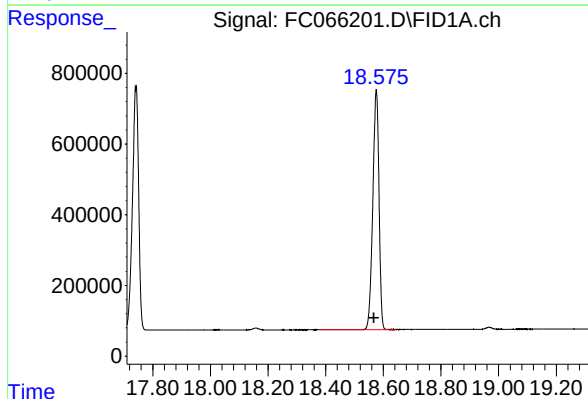
#16 n-Octacosane (C28)

R.T.: 16.853 min
Delta R.T.: 0.007 min
Response: 10059581
Conc: 94.99 ug/ml



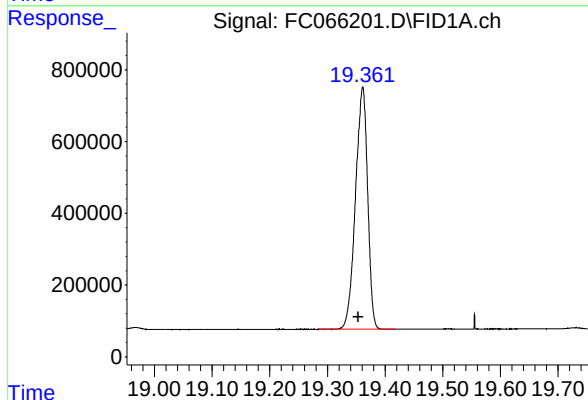
#17 n-Tricontane (C30)

R.T.: 17.742 min
Delta R.T.: 0.007 min
Response: 10251488
Conc: 94.96 ug/ml



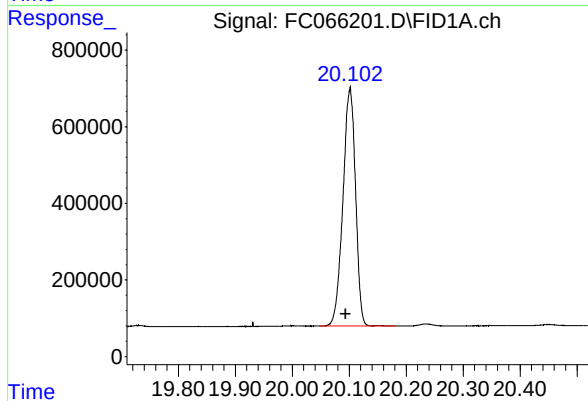
#18 n-Dotriacontane (C32)

R.T.: 18.576 min
Delta R.T.: 0.007 min
Response: 10104008
Conc: 94.71 ug/ml



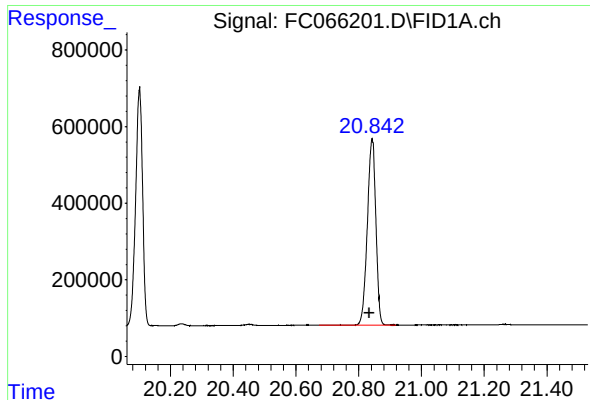
#19 n-Tetratriacontane (C34)

R.T.: 19.361 min
Delta R.T.: 0.007 min
Response: 9892671
Conc: 95.61 ug/ml



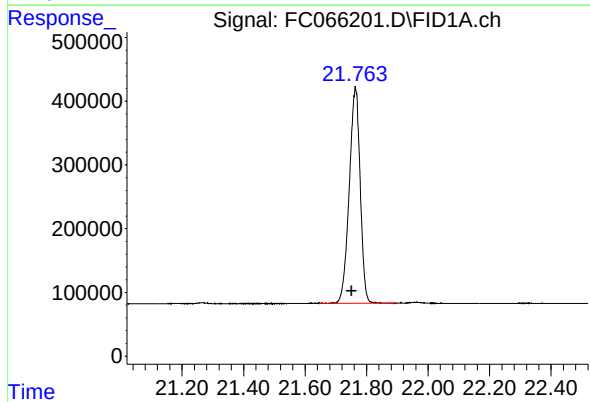
#20 n-Hexatriacontane (C36)

R.T.: 20.101 min
Delta R.T.: 0.007 min
Response: 9546805
Conc: 97.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.843 min
Delta R.T.: 0.009 min
Response: 9180890
Conc: 97.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.764 min
Delta R.T.: 0.012 min
Response: 8333275
Conc: 94.79 ug/ml