

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020124AL\
 Data File : FC065586.D
 Signal(s) : FID1A.ch
 Acq On : 01 Feb 2024 17:13
 Operator : YP/AJ
 Sample : P1187-07
 Misc : LOD 4 PPM
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 05 01:49:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:12:33 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...	12.931	5265130	39.060 ug/ml
Spiked Amount 50.000		Recovery =	78.12%
Target Compounds			
1) T n-Nonane (C9)	3.294	337770	2.162 ug/ml
2) T n-Decane (C10)	4.355	435554	2.753 ug/ml
4) T n-Dodecane (C12)	6.367	638651	3.981 ug/ml
6) T n-Tetradecane (C14)	8.156	580798	3.703 ug/ml
7) T n-Hexadecane (C16)	9.751	594972	3.720 ug/ml
8) T n-Octadecane (C18)	11.185	698243	4.263 ug/ml
10) T n-Eicosane (C20)	12.487	765338	4.805 ug/ml
11) T n-Heneicosane (C21)	13.095	760441	4.847 ug/ml
13) T n-Docosane (C22)	13.679	767635	4.917 ug/ml
14) T n-Tetracosane (C24)	14.776	790648	5.087 ug/ml
15) T n-Hexacosane (C26)	15.792	783597	5.104 ug/ml
16) T n-Octacosane (C28)	16.737	777869	5.161 ug/ml
17) T n-Tricontane (C30)	17.621	788726	5.164 ug/ml
18) T n-Dotriacontane (C32)	18.448	816704	5.424 ug/ml
19) T n-Tetratriacontane (C34)	19.228	745489	5.192 ug/ml
20) T n-Hexatriacontane (C36)	19.965	639694	4.644 ug/ml
21) T n-Octatriacontane (C38)	20.683	608263	4.396 ug/ml
22) T n-Tetracontane (C40)	21.556	539689	3.900 ug/ml

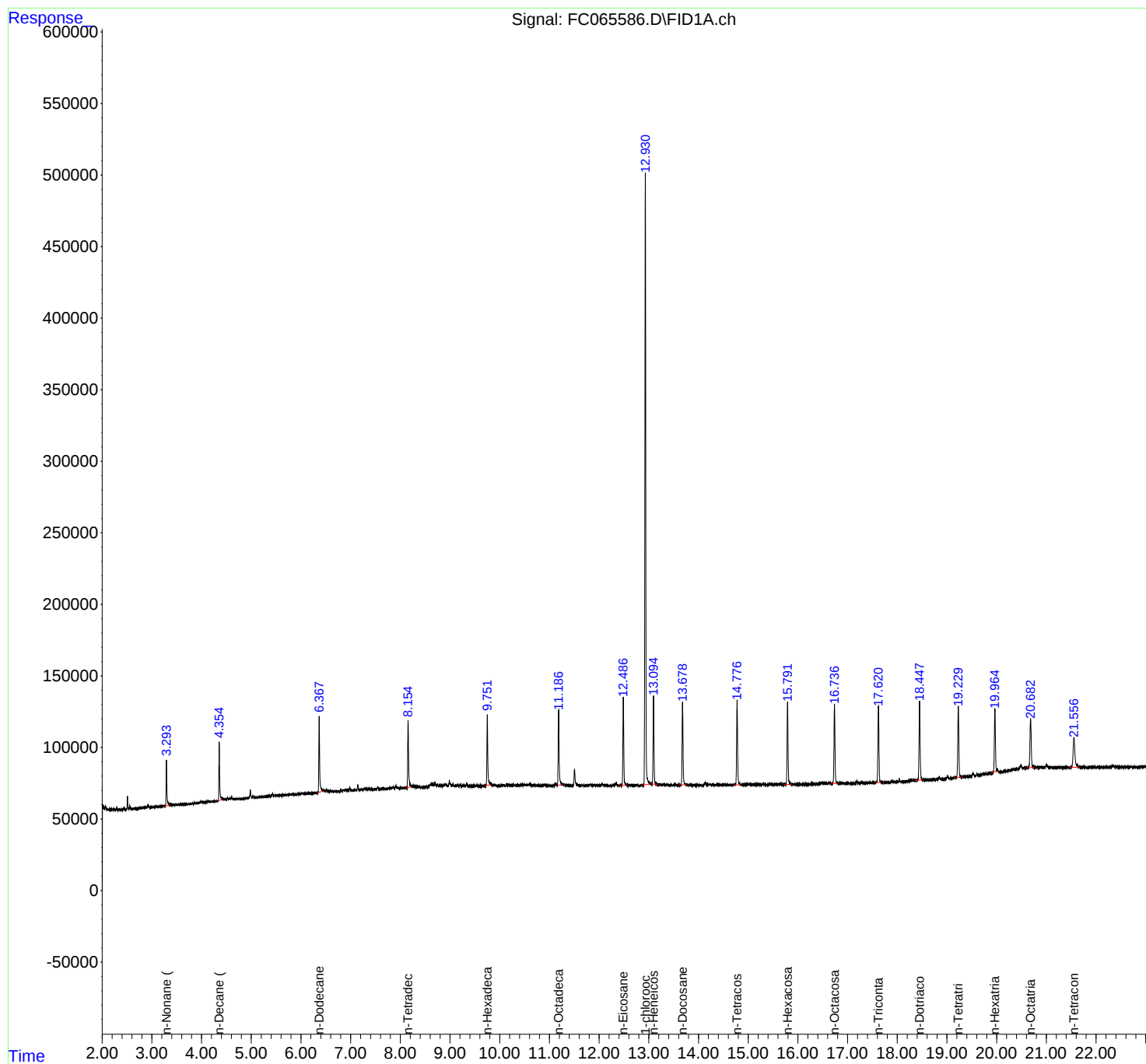
(f)=RT Delta > 1/2 Window

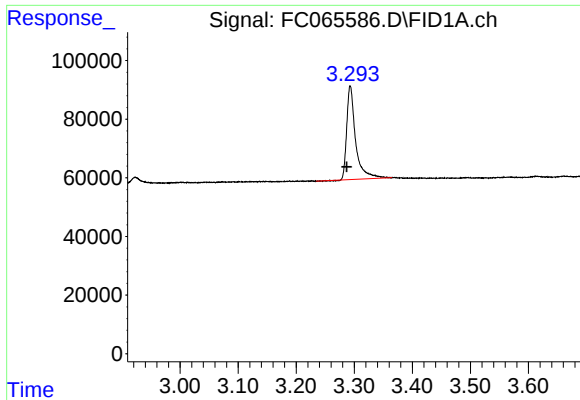
(m)=manual int.

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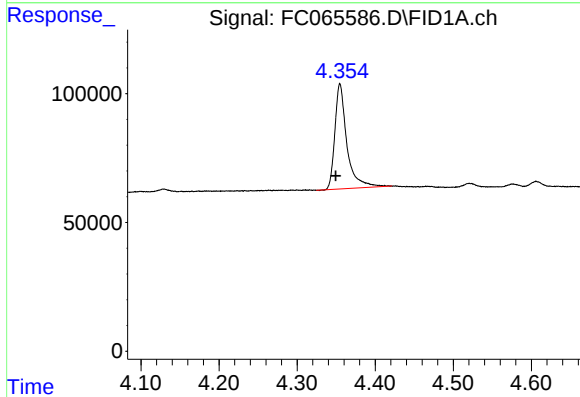
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Signal Info : 20M x 0.18mm x 0.18um





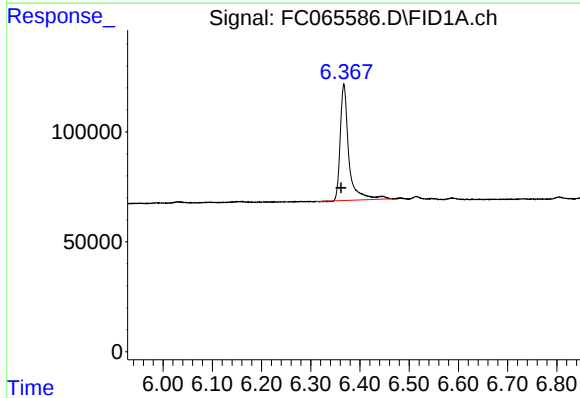
#1 n-Nonane (C9)

R.T.: 3.294 min
Delta R.T.: 0.007 min
Response: 337770
Conc: 2.16 ug/ml



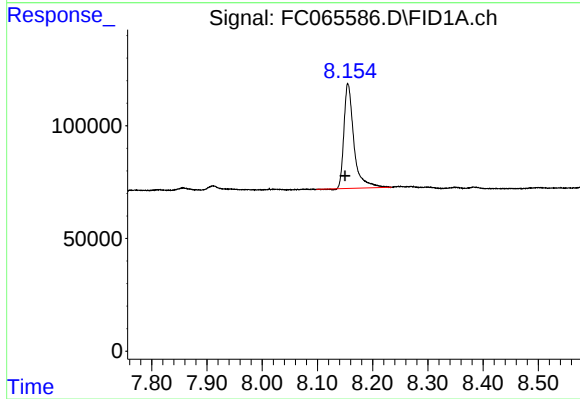
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: 0.006 min
Response: 435554
Conc: 2.75 ug/ml



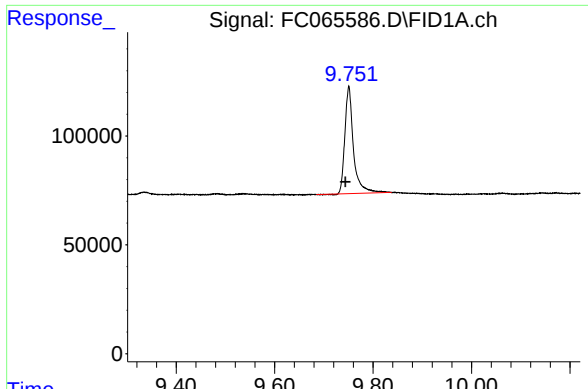
#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: 0.006 min
Response: 638651
Conc: 3.98 ug/ml



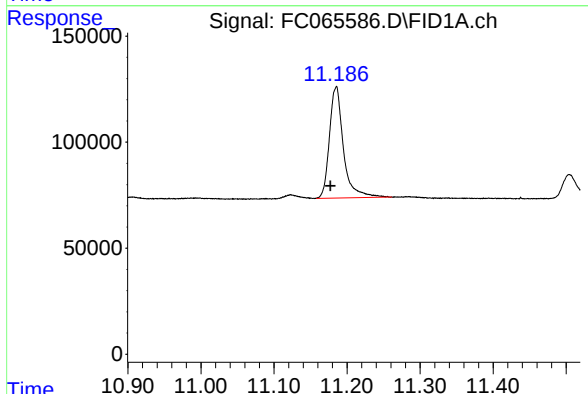
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: 0.006 min
Response: 580798
Conc: 3.70 ug/ml



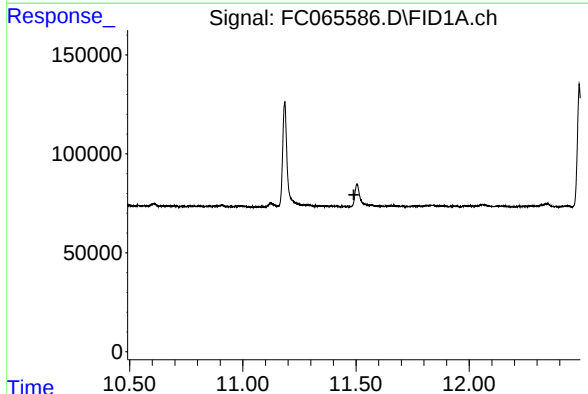
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.007 min
Response: 594972
Conc: 3.72 ug/ml



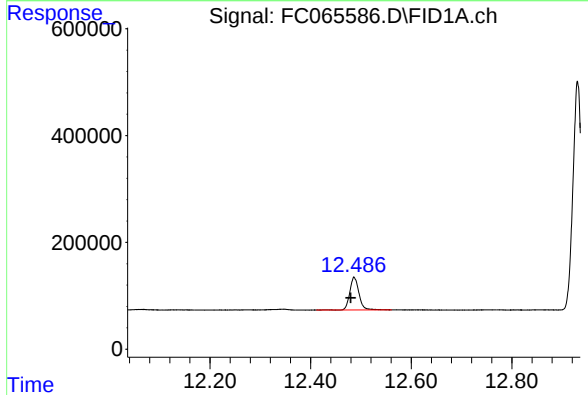
#8 n-Octadecane (C18)

R.T.: 11.185 min
Delta R.T.: 0.008 min
Response: 698243
Conc: 4.26 ug/ml



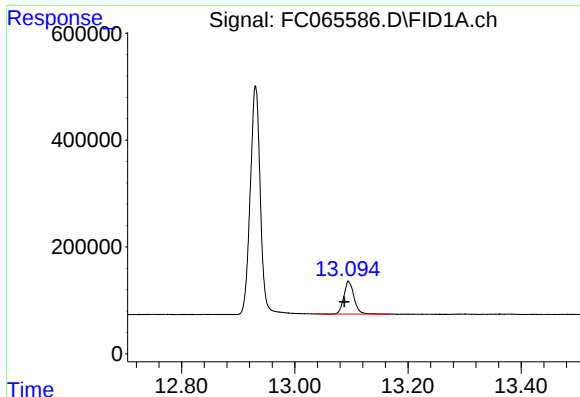
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.491 min
Response: 0
Conc: N.D.



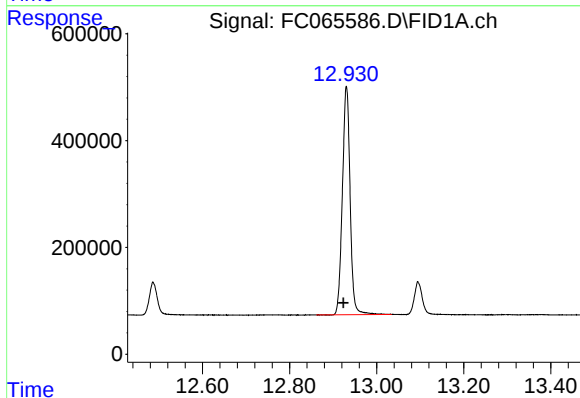
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: 0.007 min
Response: 765338
Conc: 4.80 ug/ml



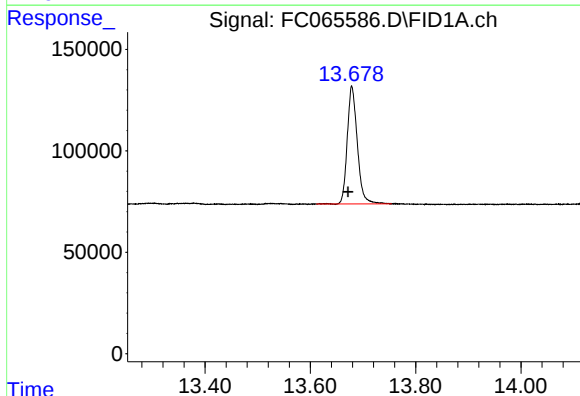
#11 n-Heneicosane (C21)

R.T.: 13.095 min
Delta R.T.: 0.008 min
Response: 760441
Conc: 4.85 ug/ml



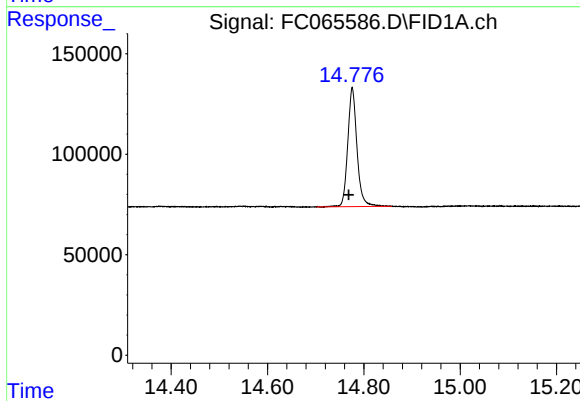
#12 1-chlorooctadecane (SURR)

R.T.: 12.931 min
Delta R.T.: 0.007 min
Response: 5265130
Conc: 39.06 ug/ml



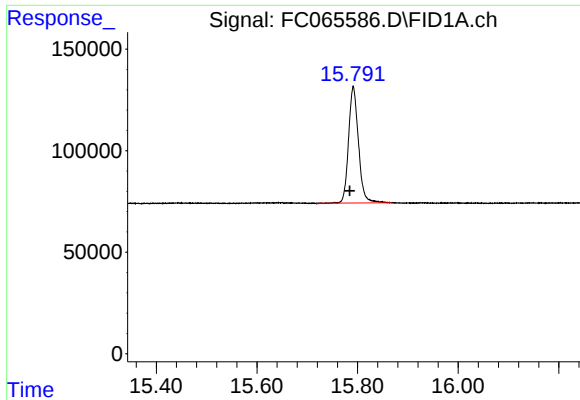
#13 n-Docosane (C22)

R.T.: 13.679 min
Delta R.T.: 0.008 min
Response: 767635
Conc: 4.92 ug/ml



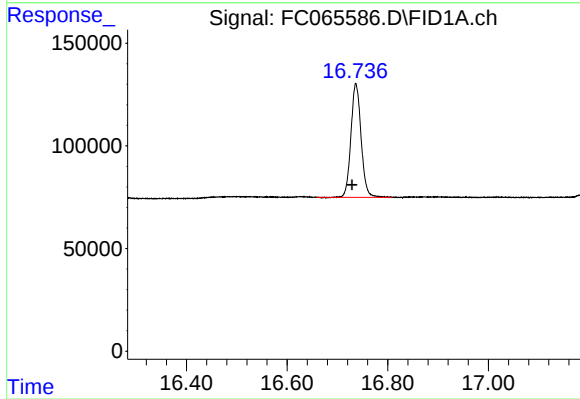
#14 n-Tetracosane (C24)

R.T.: 14.776 min
Delta R.T.: 0.008 min
Response: 790648
Conc: 5.09 ug/ml



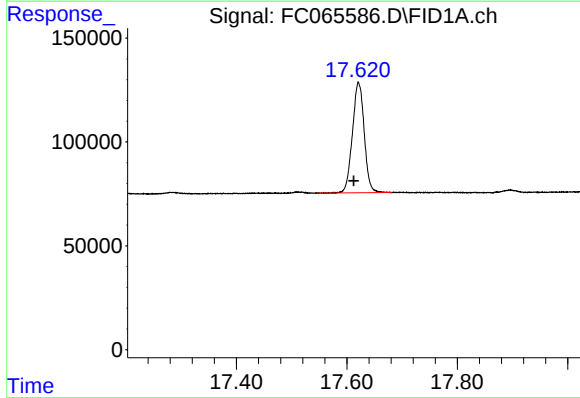
#15 n-Hexacosane (C26)

R.T.: 15.792 min
Delta R.T.: 0.007 min
Response: 783597
Conc: 5.10 ug/ml



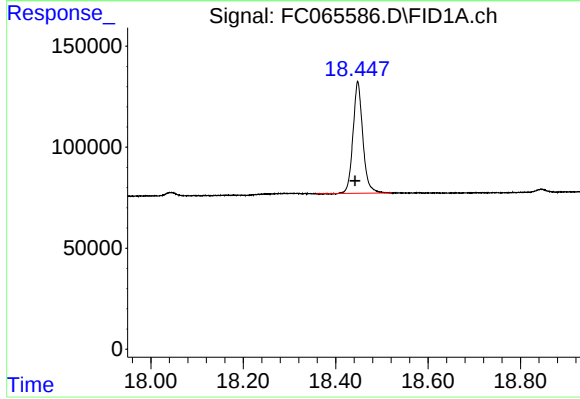
#16 n-Octacosane (C28)

R.T.: 16.737 min
Delta R.T.: 0.008 min
Response: 777869
Conc: 5.16 ug/ml



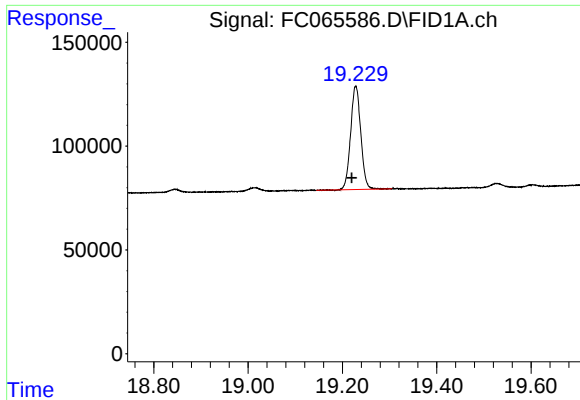
#17 n-Tricontane (C30)

R.T.: 17.621 min
Delta R.T.: 0.009 min
Response: 788726
Conc: 5.16 ug/ml



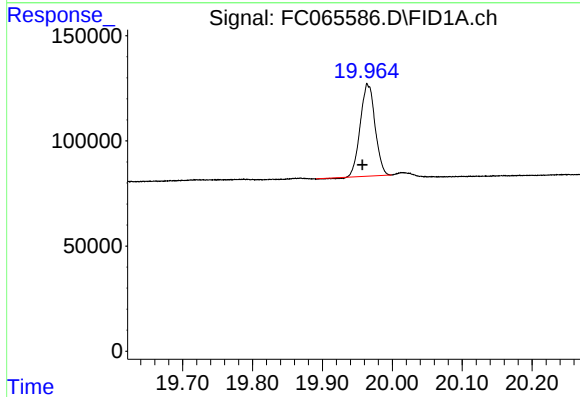
#18 n-Dotriacontane (C32)

R.T.: 18.448 min
Delta R.T.: 0.006 min
Response: 816704
Conc: 5.42 ug/ml



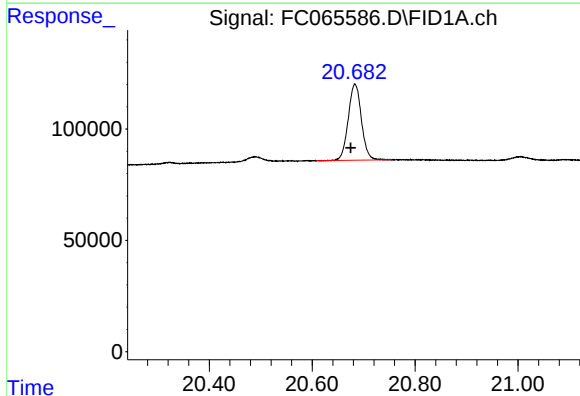
#19 n-Tetratriacontane (C34)

R.T.: 19.228 min
Delta R.T.: 0.008 min
Response: 745489
Conc: 5.19 ug/ml



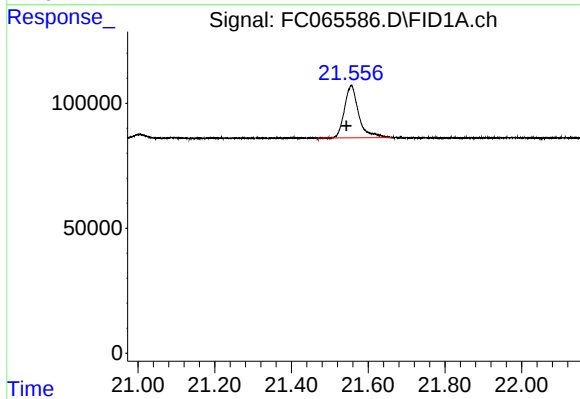
#20 n-Hexatriacontane (C36)

R.T.: 19.965 min
Delta R.T.: 0.008 min
Response: 639694
Conc: 4.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.683 min
Delta R.T.: 0.008 min
Response: 608263
Conc: 4.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.556 min
Delta R.T.: 0.013 min
Response: 539689
Conc: 3.90 ug/ml