

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020124AL\
 Data File : FC065581.D
 Signal(s) : FID1A.ch
 Acq On : 01 Feb 2024 12:53
 Operator : YP/AJ
 Sample : P1187-01
 Misc : LOD 2.5 PPM
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 08:06:18 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			
9) S ortho-Terphenyl (SURR)	11.495	895763	4.926 ug/ml
Spiked Amount 50.000		Recovery =	9.85%
12) S 1-chlorooctadecane (S...	12.925	5118971	37.976 ug/ml
Spiked Amount 50.000		Recovery =	75.95%
Target Compounds			
1) T n-Nonane (C9)	3.291	190216	1.218 ug/ml
2) T n-Decane (C10)	4.353	243710	1.541 ug/ml
4) T n-Dodecane (C12)	6.365	360374	2.246 ug/ml
6) T n-Tetradecane (C14)	8.154	332953	2.123 ug/ml
7) T n-Hexadecane (C16)	9.748	315629	1.974 ug/ml
8) T n-Octadecane (C18)	11.180	421961	2.576 ug/ml
10) T n-Eicosane (C20)	12.483	446170	2.801 ug/ml
11) T n-Heneicosane (C21)	13.092	432682	2.758 ug/ml
13) T n-Docosane (C22)	13.676	443134	2.838 ug/ml
14) T n-Tetracosane (C24)	14.772	455118	2.928 ug/ml
15) T n-Hexacosane (C26)	15.789	463205	3.017 ug/ml
16) T n-Octacosane (C28)	16.734	454678	3.017 ug/ml
17) T n-Tricontane (C30)	17.616	472717	3.095 ug/ml
18) T n-Dotriacontane (C32)	18.444	508710	3.378 ug/ml
19) T n-Tetratriacontane (C34)	19.224	444154	3.093 ug/ml
20) T n-Hexatriacontane (C36)	19.961	461523	3.350 ug/ml
21) T n-Octatriacontane (C38)	20.676	485805	3.511 ug/ml
22) T n-Tetracontane (C40)	21.550	509524	3.682 ug/ml

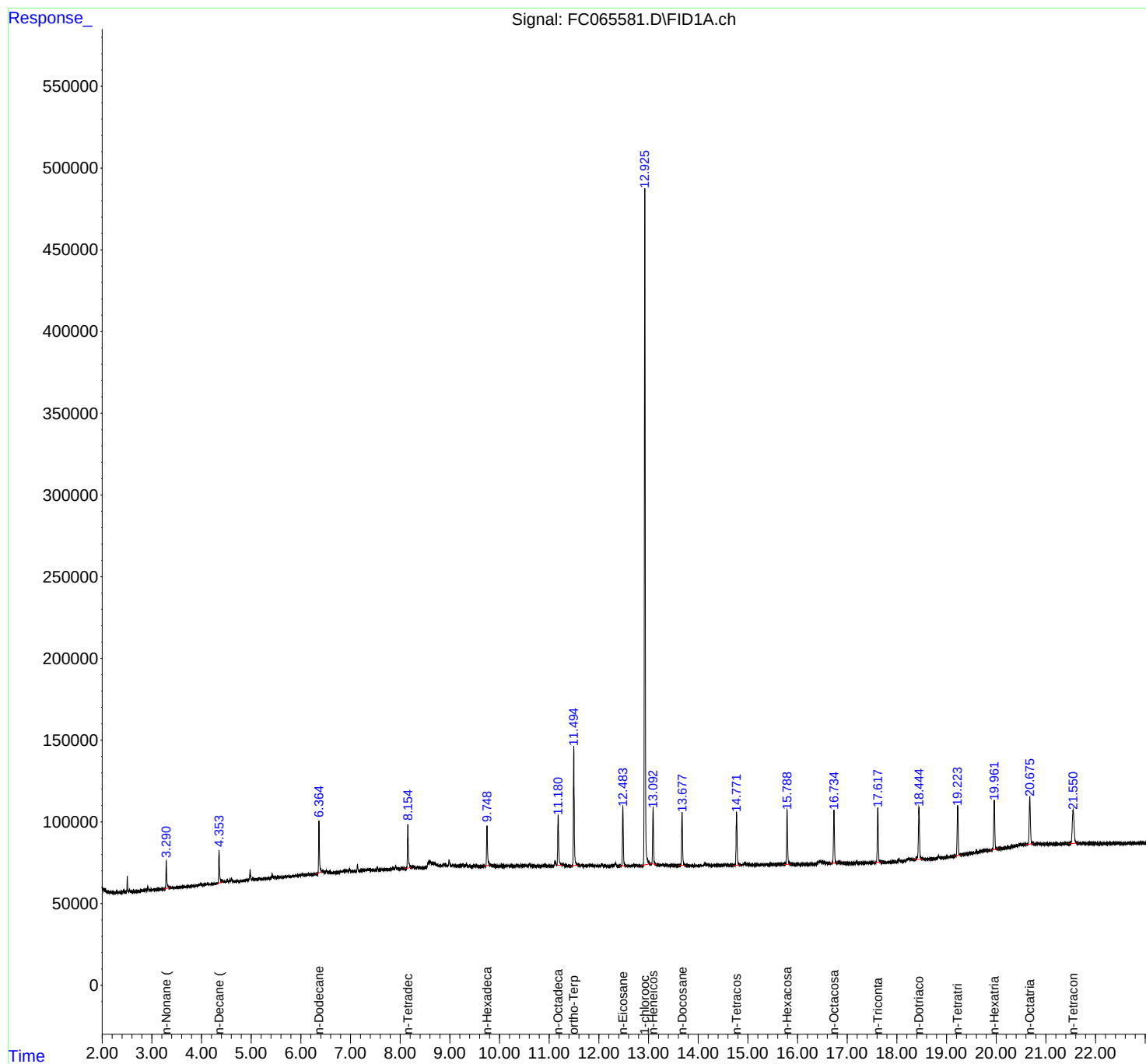
(f)=RT Delta > 1/2 Window

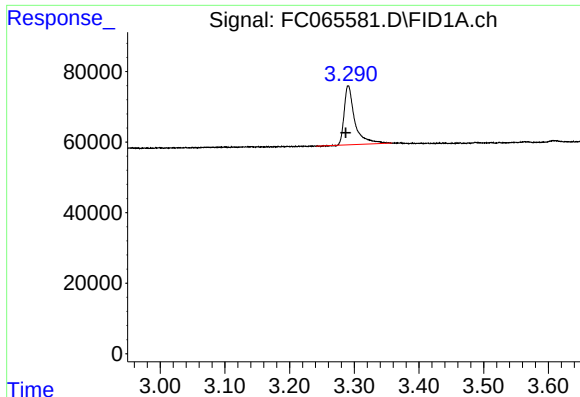
(m)=manual int.

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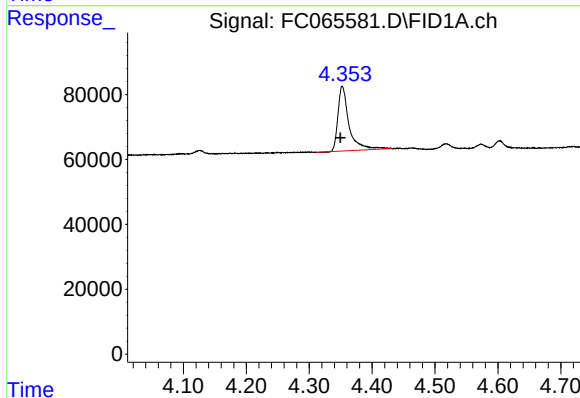
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Signal Info : 20M x 0.18mm x 0.18um





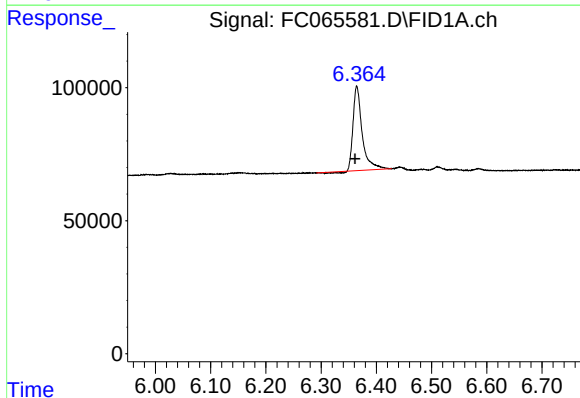
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: 0.004 min
Response: 190216
Conc: 1.22 ug/ml



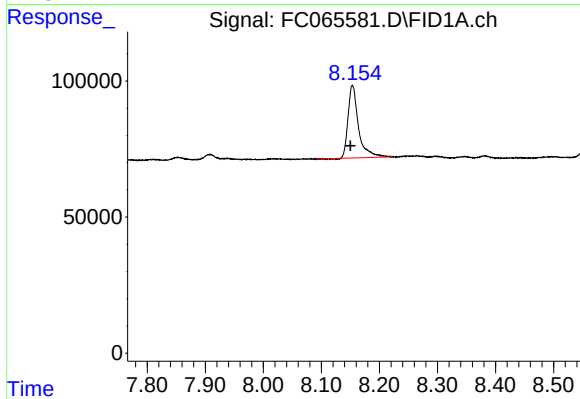
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: 0.004 min
Response: 243710
Conc: 1.54 ug/ml



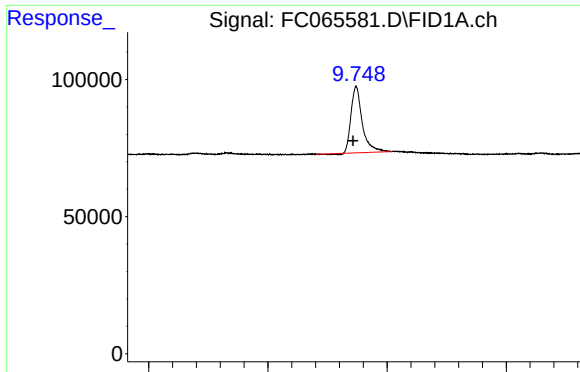
#4 n-Dodecane (C12)

R.T.: 6.365 min
Delta R.T.: 0.004 min
Response: 360374
Conc: 2.25 ug/ml



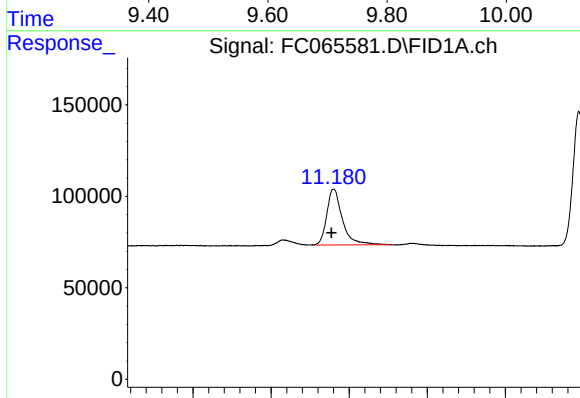
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.004 min
Response: 332953
Conc: 2.12 ug/ml



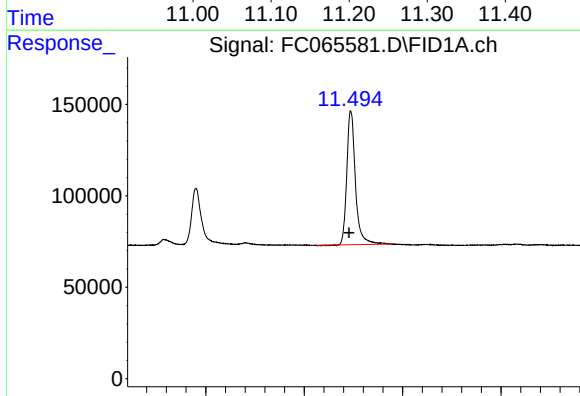
#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: 0.005 min
Response: 315629
Conc: 1.97 ug/ml



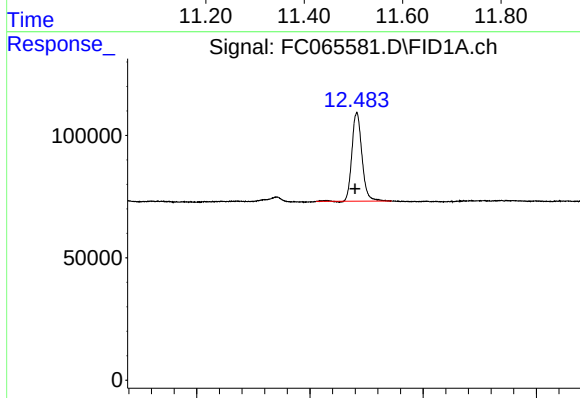
#8 n-Octadecane (C18)

R.T.: 11.180 min
Delta R.T.: 0.003 min
Response: 421961
Conc: 2.58 ug/ml



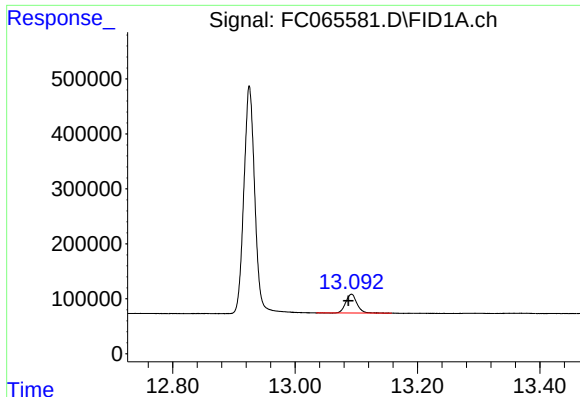
#9 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: 0.004 min
Response: 895763
Conc: 4.93 ug/ml



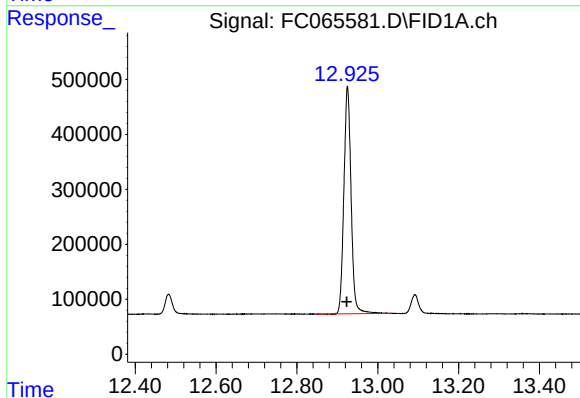
#10 n-Eicosane (C20)

R.T.: 12.483 min
Delta R.T.: 0.003 min
Response: 446170
Conc: 2.80 ug/ml



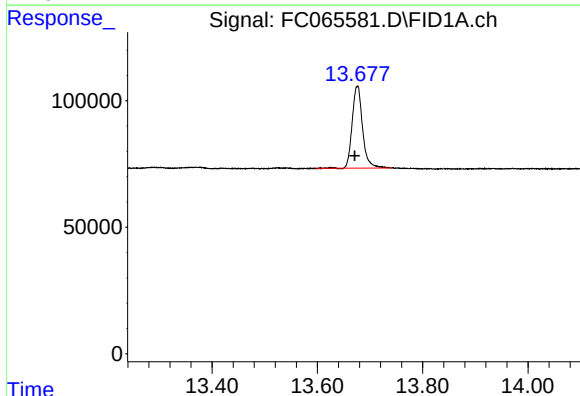
#11 n-Heneicosane (C21)

R.T.: 13.092 min
Delta R.T.: 0.005 min
Response: 432682
Conc: 2.76 ug/ml



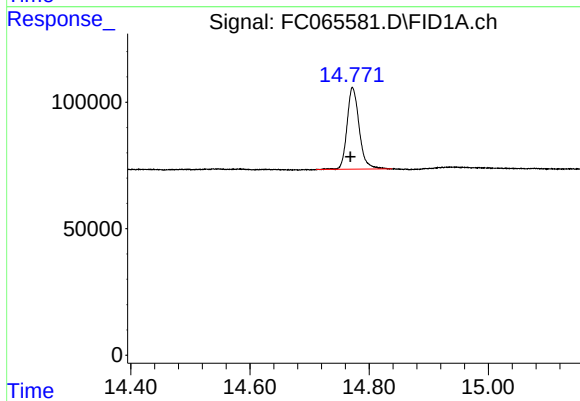
#12 1-chlorooctadecane (SURR)

R.T.: 12.925 min
Delta R.T.: 0.002 min
Response: 5118971
Conc: 37.98 ug/ml



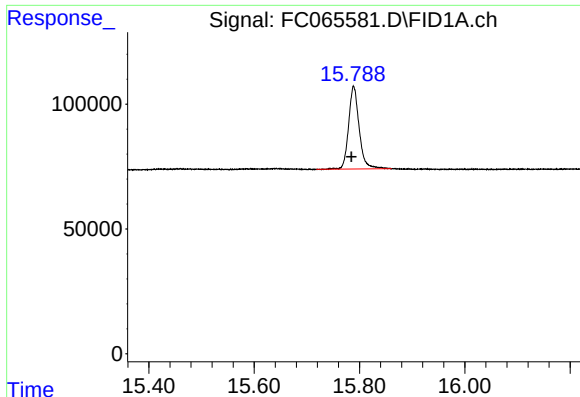
#13 n-Docosane (C22)

R.T.: 13.676 min
Delta R.T.: 0.005 min
Response: 443134
Conc: 2.84 ug/ml



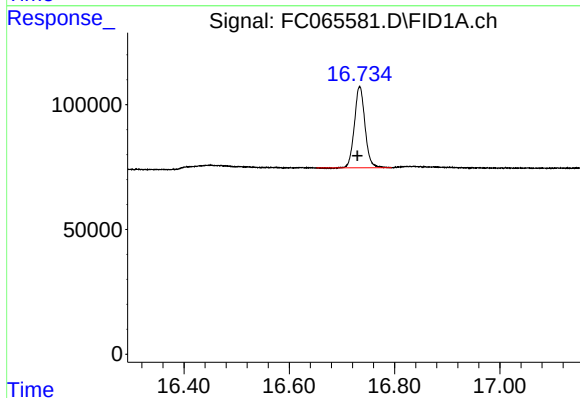
#14 n-Tetracosane (C24)

R.T.: 14.772 min
Delta R.T.: 0.004 min
Response: 455118
Conc: 2.93 ug/ml



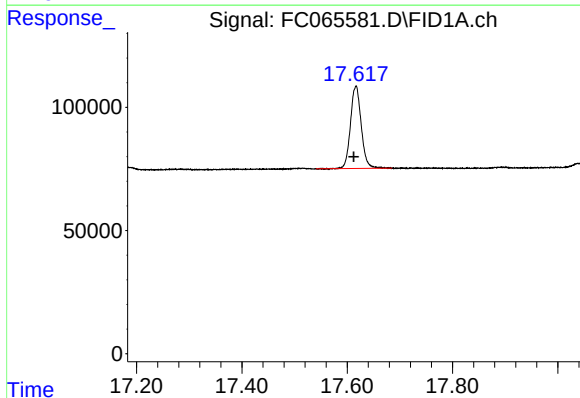
#15 n-Hexacosane (C26)

R.T.: 15.789 min
Delta R.T.: 0.004 min
Response: 463205
Conc: 3.02 ug/ml



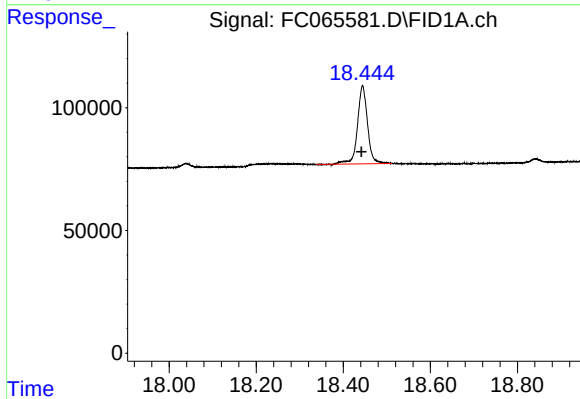
#16 n-Octacosane (C28)

R.T.: 16.734 min
Delta R.T.: 0.005 min
Response: 454678
Conc: 3.02 ug/ml



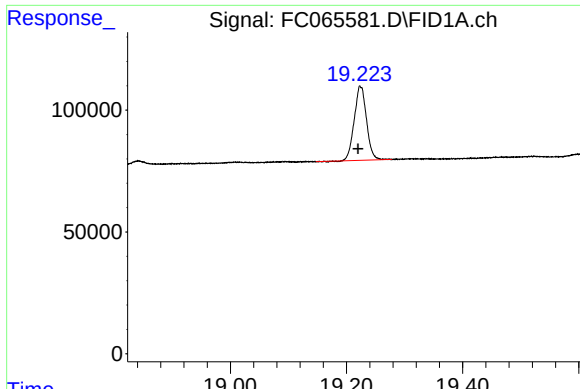
#17 n-Tricontane (C30)

R.T.: 17.616 min
Delta R.T.: 0.004 min
Response: 472717
Conc: 3.10 ug/ml



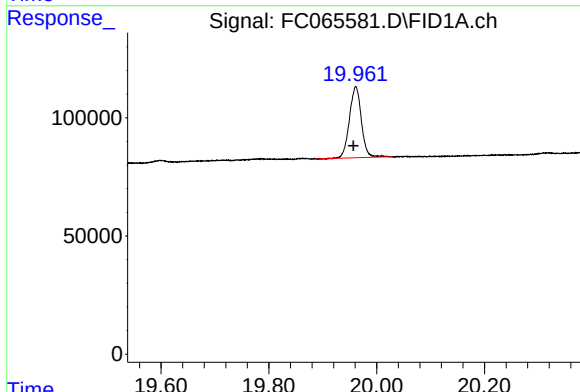
#18 n-Dotriacontane (C32)

R.T.: 18.444 min
Delta R.T.: 0.003 min
Response: 508710
Conc: 3.38 ug/ml



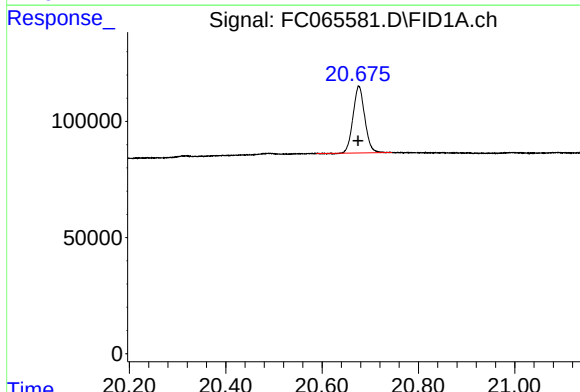
#19 n-Tetratriacontane (C34)

R.T.: 19.224 min
Delta R.T.: 0.004 min
Response: 444154
Conc: 3.09 ug/ml



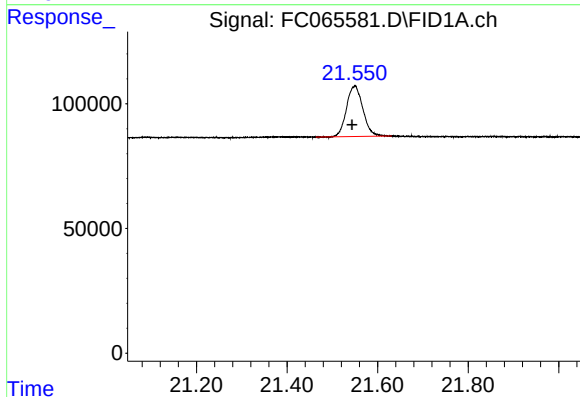
#20 n-Hexatriacontane (C36)

R.T.: 19.961 min
Delta R.T.: 0.004 min
Response: 461523
Conc: 3.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.676 min
Delta R.T.: 0.001 min
Response: 485805
Conc: 3.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.550 min
Delta R.T.: 0.006 min
Response: 509524
Conc: 3.68 ug/ml