

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100425AL\
 Data File : FC069929.D
 Signal(s) : FID1A.ch
 Acq On : 03 Oct 2025 15:45
 Operator : YP/AJ
 Sample : PB169974BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 06 01:20:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 14:56:40 2025
 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...	13.082	5344995	33.847 ug/ml
Spiked Amount 50.000		Recovery =	67.69%
Target Compounds			
1) T n-Nonane (C9)	3.385	2824416	22.033 ug/ml
2) T n-Decane (C10)	4.456	3622168	27.259 ug/ml
4) T n-Dodecane (C12)	6.479	4466781	32.020 ug/ml
6) T n-Tetradecane (C14)	8.277	5022734	33.864 ug/ml
7) T n-Hexadecane (C16)	9.880	5451206	33.032 ug/ml
8) T n-Octadecane (C18)	11.324	5787967	32.476 ug/ml
10) T n-Eicosane (C20)	12.637	5979212	33.197 ug/ml
11) T n-Heneicosane (C21)	13.248	5724017	31.745 ug/ml
13) T n-Docosane (C22)	13.836	5651007	31.105 ug/ml
14) T n-Tetracosane (C24)	14.939	5450464	29.622 ug/ml
15) T n-Hexacosane (C26)	15.961	5153100	28.382 ug/ml
16) T n-Octacosane (C28)	16.911	4874677	27.614 ug/ml
17) T n-Tricontane (C30)	17.799	4804086	27.447 ug/ml
18) T n-Dotriacontane (C32)	18.633	3816343	23.589 ug/ml
19) T n-Tetratriacontane (C34)	19.417	4521254	32.352 ug/ml
20) T n-Hexatriacontane (C36)	20.157	4249447	37.639 ug/ml
21) T n-Octatriacontane (C38)	20.918	4167003	43.196 ug/mlm
22) T n-Tetracontane (C40)	21.870	3983384	46.250 ug/ml

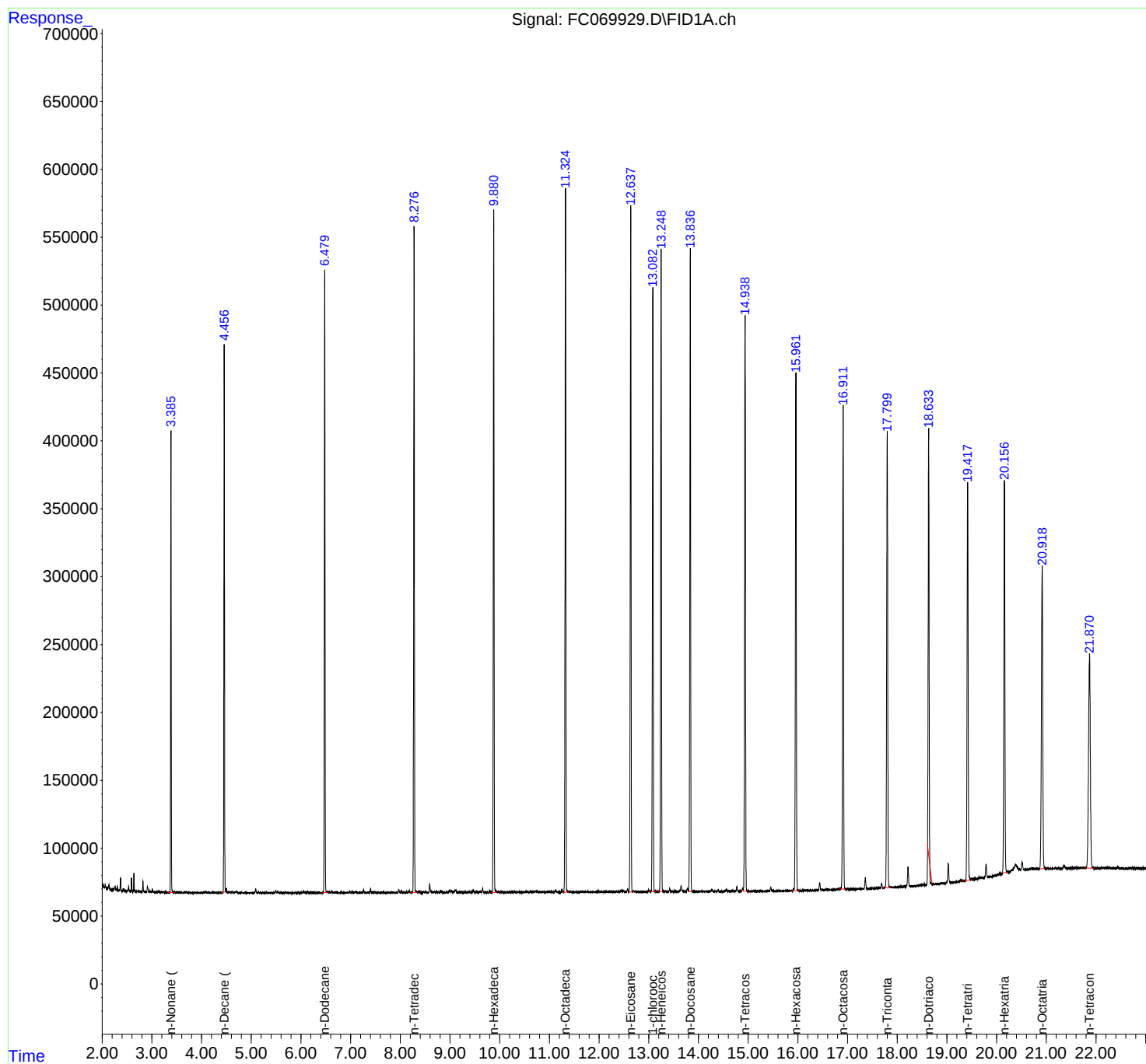
(f)=RT Delta > 1/2 Window

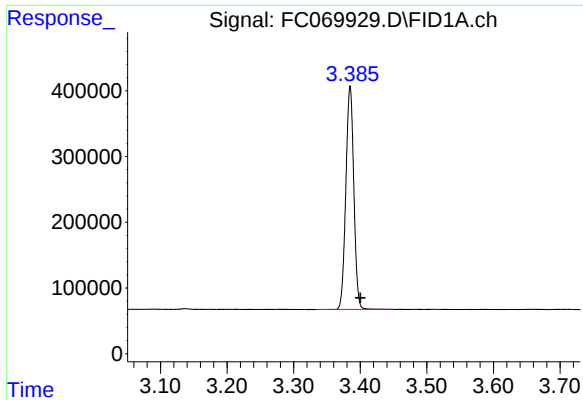
(m)=manual int.

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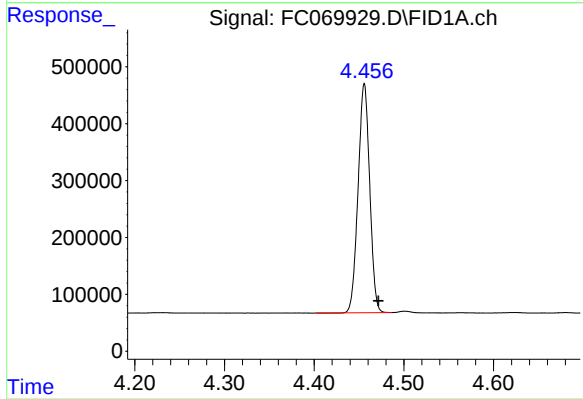
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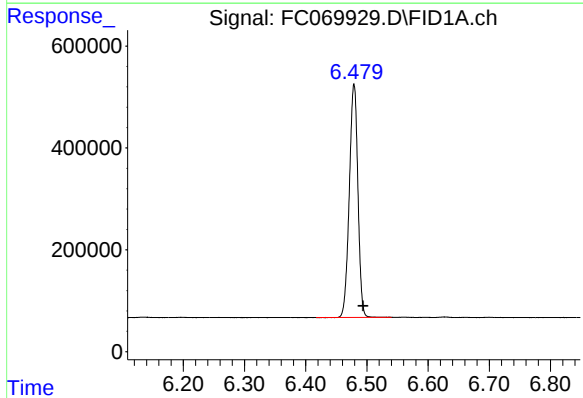
#1 n-Nonane (C9)

R.T.: 3.385 min
Delta R.T.: -0.015 min
Response: 2824416
Conc: 22.03 ug/ml



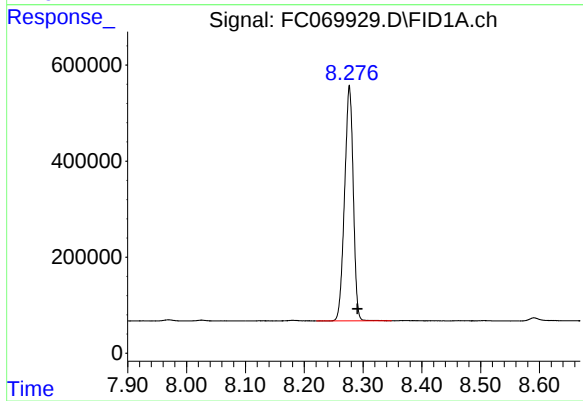
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: -0.016 min
Response: 3622168
Conc: 27.26 ug/ml



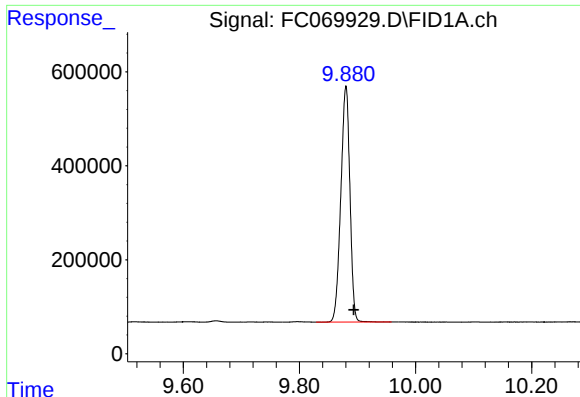
#4 n-Dodecane (C12)

R.T.: 6.479 min
Delta R.T.: -0.015 min
Response: 4466781
Conc: 32.02 ug/ml



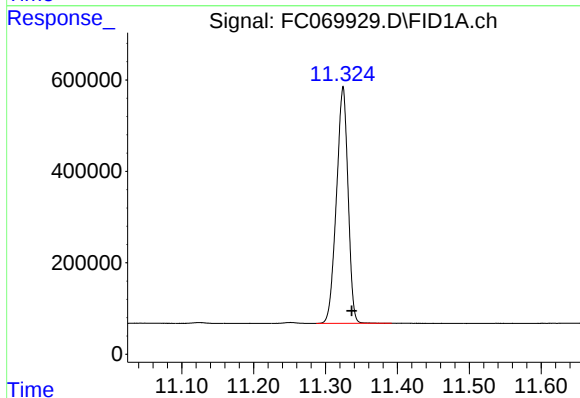
#6 n-Tetradecane (C14)

R.T.: 8.277 min
Delta R.T.: -0.014 min
Response: 5022734
Conc: 33.86 ug/ml



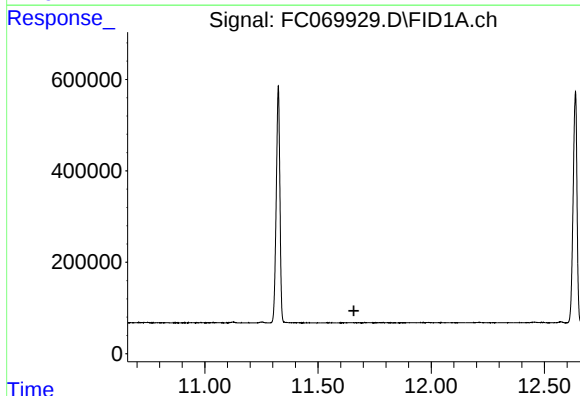
#7 n-Hexadecane (C16)

R.T.: 9.880 min
Delta R.T.: -0.014 min
Response: 5451206
Conc: 33.03 ug/ml



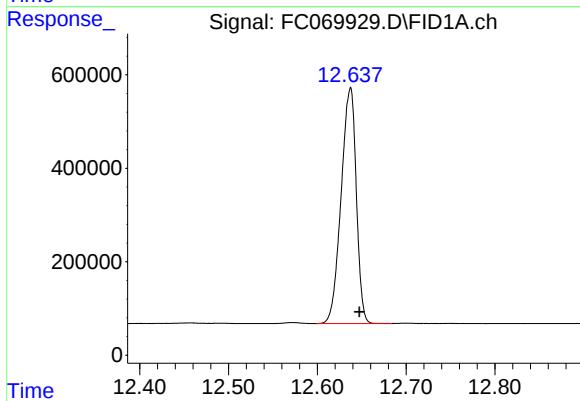
#8 n-Octadecane (C18)

R.T.: 11.324 min
Delta R.T.: -0.012 min
Response: 5787967
Conc: 32.48 ug/ml



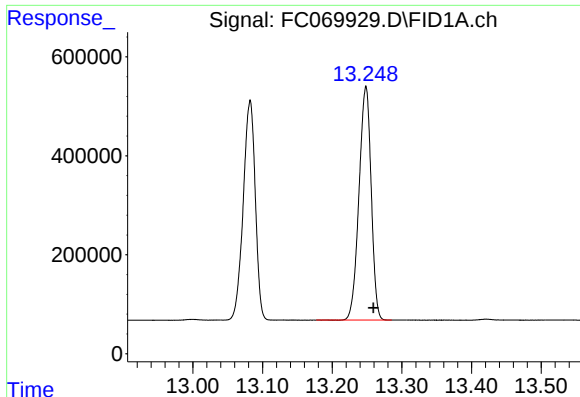
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.658 min
Response: 0
Conc: N.D.



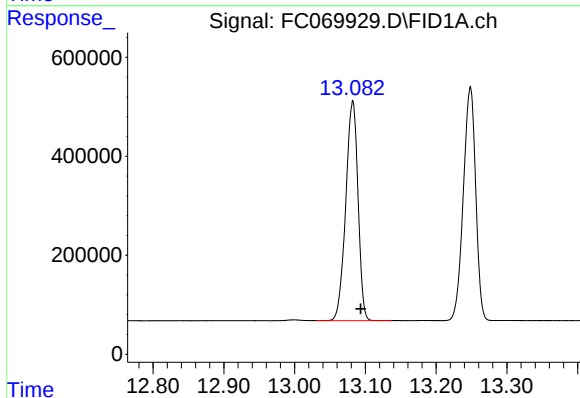
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: -0.011 min
Response: 5979212
Conc: 33.20 ug/ml



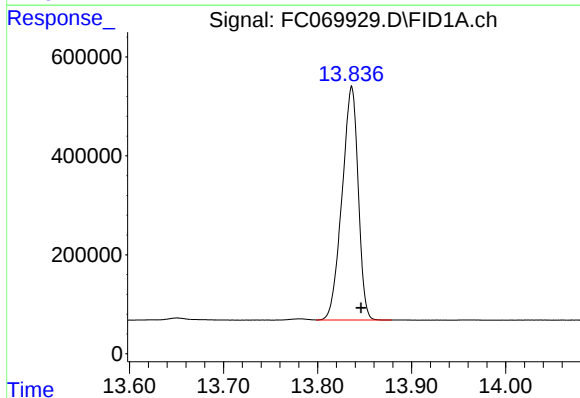
#11 n-Heneicosane (C21)

R.T.: 13.248 min
Delta R.T.: -0.011 min
Response: 5724017
Conc: 31.74 ug/ml



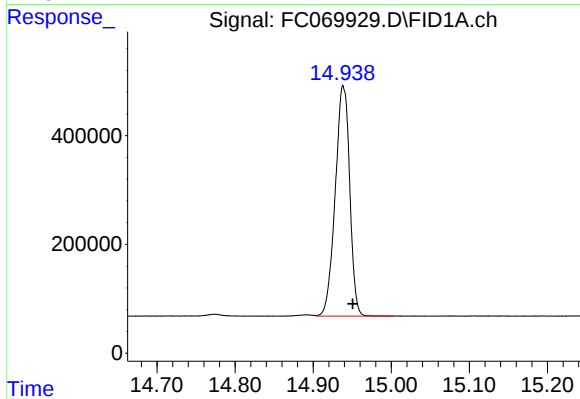
#12 1-chlorooctadecane (SURR)

R.T.: 13.082 min
Delta R.T.: -0.012 min
Response: 5344995
Conc: 33.85 ug/ml



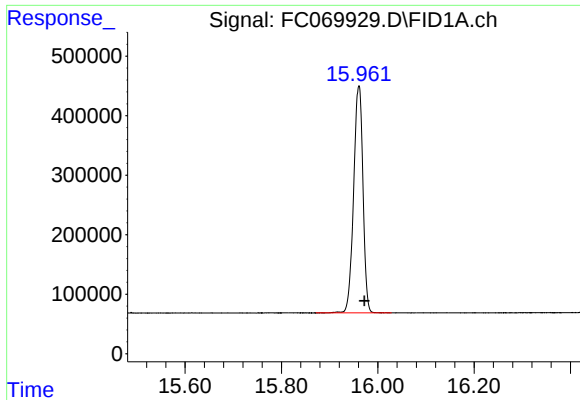
#13 n-Docosane (C22)

R.T.: 13.836 min
Delta R.T.: -0.010 min
Response: 5651007
Conc: 31.11 ug/ml



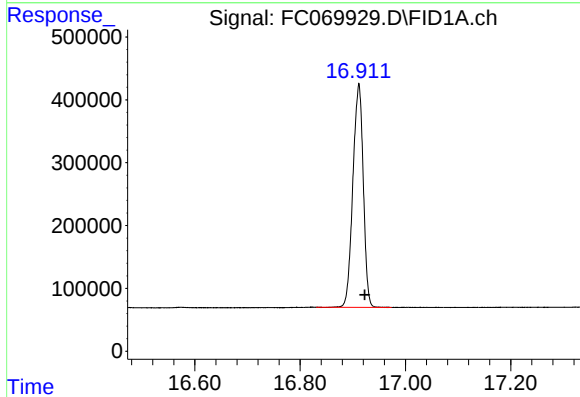
#14 n-Tetracosane (C24)

R.T.: 14.939 min
Delta R.T.: -0.012 min
Response: 5450464
Conc: 29.62 ug/ml



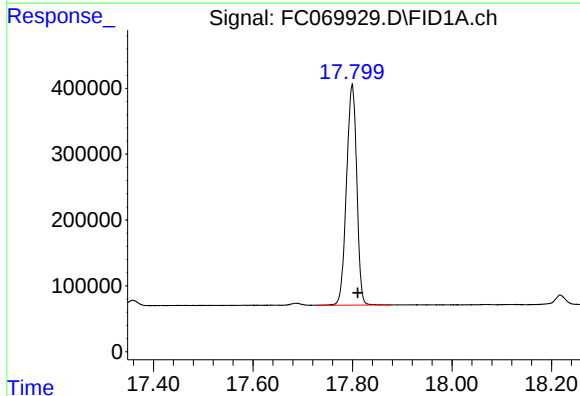
#15 n-Hexacosane (C26)

R.T.: 15.961 min
Delta R.T.: -0.012 min
Response: 5153100
Conc: 28.38 ug/ml



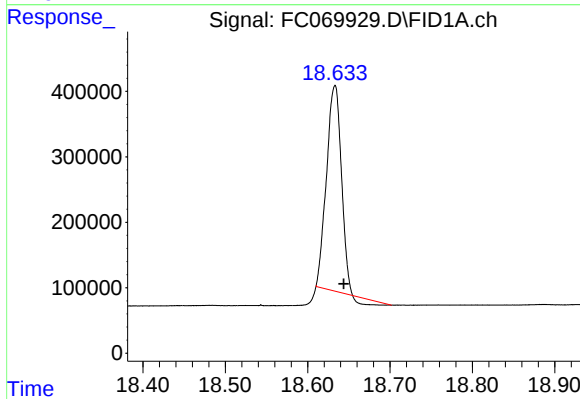
#16 n-Octacosane (C28)

R.T.: 16.911 min
Delta R.T.: -0.011 min
Response: 4874677
Conc: 27.61 ug/ml



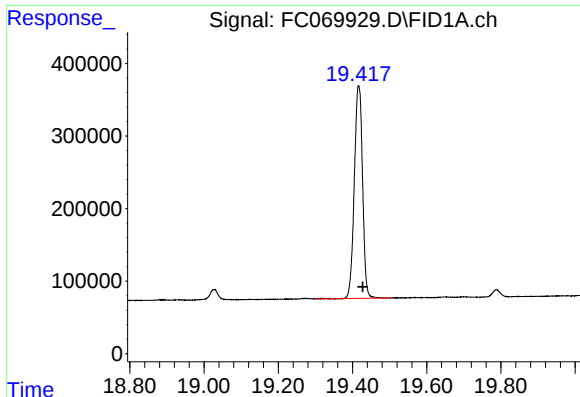
#17 n-Tricontane (C30)

R.T.: 17.799 min
Delta R.T.: -0.011 min
Response: 4804086
Conc: 27.45 ug/ml



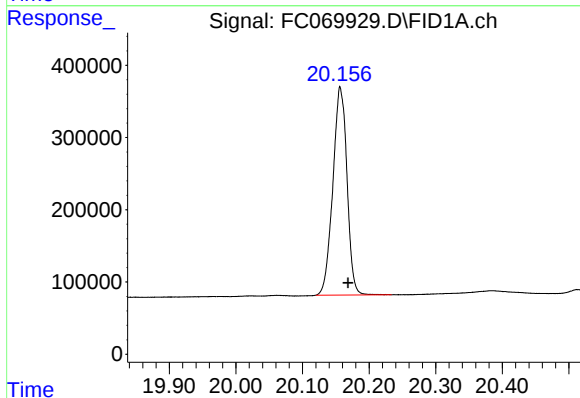
#18 n-Dotriacontane (C32)

R.T.: 18.633 min
Delta R.T.: -0.011 min
Response: 3816343
Conc: 23.59 ug/ml



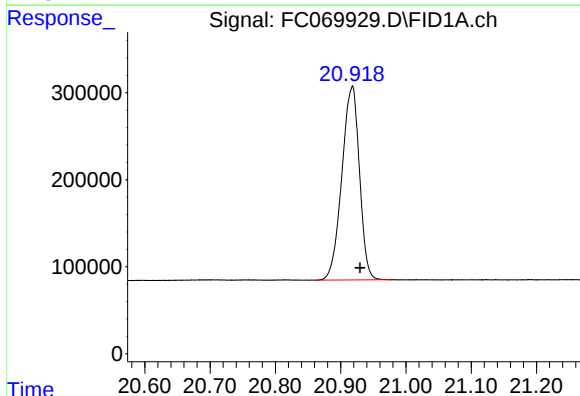
#19 n-Tetratriacontane (C34)

R.T.: 19.417 min
Delta R.T.: -0.011 min
Response: 4521254
Conc: 32.35 ug/ml



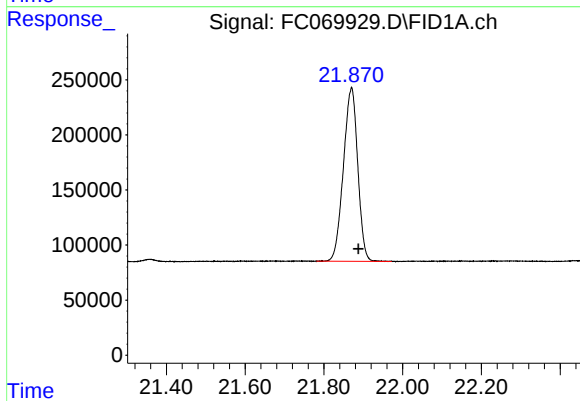
#20 n-Hexatriacontane (C36)

R.T.: 20.157 min
Delta R.T.: -0.011 min
Response: 4249447
Conc: 37.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.918 min
Delta R.T.: -0.012 min
Response: 4167003
Conc: 43.20 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.870 min
Delta R.T.: -0.018 min
Response: 3983384
Conc: 46.25 ug/ml