

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102023AL\
 Data File : FC064889.D
 Signal(s) : FID1A.ch
 Acq On : 20 Oct 2023 17:38
 Operator : YP/AJ
 Sample : PB156533BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 21 00:37:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 2023
 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...	12.961	7124683	47.516 ug/ml
Spiked Amount 50.000		Recovery =	95.03%
Target Compounds			
1) T n-Nonane (C9)	3.324	5242674	28.544 ug/ml
2) T n-Decane (C10)	4.383	6366536	34.804 ug/ml
4) T n-Dodecane (C12)	6.393	7098814	38.085 ug/ml
6) T n-Tetradecane (C14)	8.182	7271432	40.487 ug/ml
7) T n-Hexadecane (C16)	9.777	7649159	43.001 ug/ml
8) T n-Octadecane (C18)	11.212	8142148	45.374 ug/ml
10) T n-Eicosane (C20)	12.518	8398220	48.773 ug/ml
11) T n-Heneicosane (C21)	13.127	8080924	47.716 ug/ml
13) T n-Docosane (C22)	13.712	7980501	48.434 ug/ml
14) T n-Tetracosane (C24)	14.810	7706009	48.416 ug/ml
15) T n-Hexacosane (C26)	15.826	7384477	48.206 ug/ml
16) T n-Octacosane (C28)	16.774	7174287	48.684 ug/ml
17) T n-Tricontane (C30)	17.658	7077917	48.375 ug/ml
18) T n-Dotriacontane (C32)	18.487	6951065	48.140 ug/ml
19) T n-Tetratriacontane (C34)	19.267	6882714	48.916 ug/mlm
20) T n-Hexatriacontane (C36)	20.006	6632807	47.942 ug/mlm
21) T n-Octatriacontane (C38)	20.730	6741162	50.890 ug/ml
22) T n-Tetracontane (C40)	21.617	6552568	52.358 ug/ml

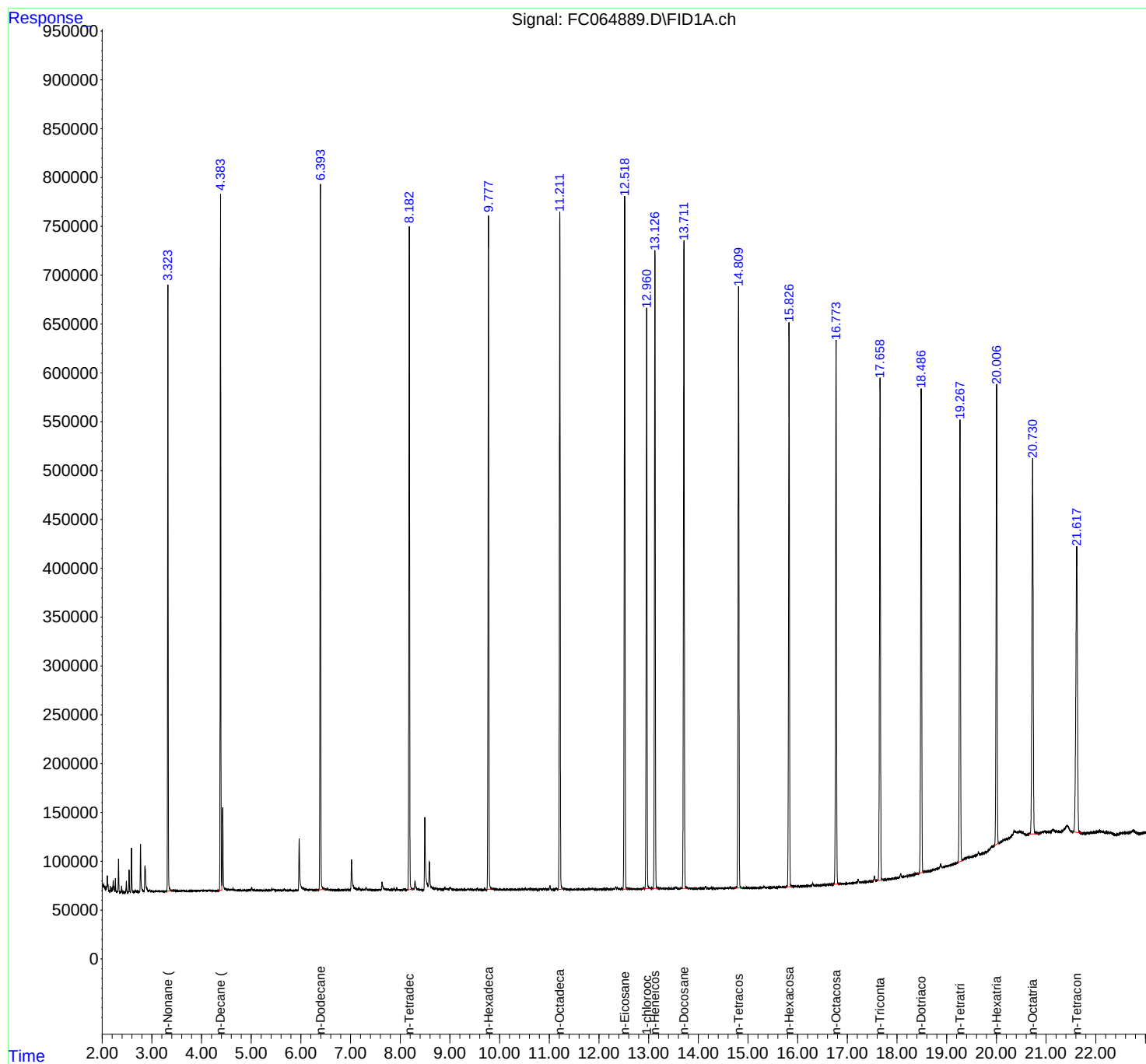
(f)=RT Delta > 1/2 Window

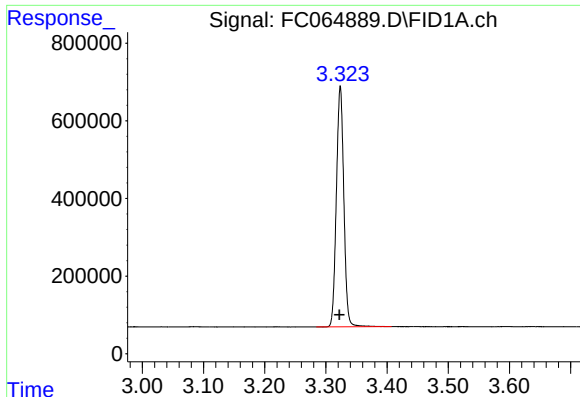
(m)=manual int.

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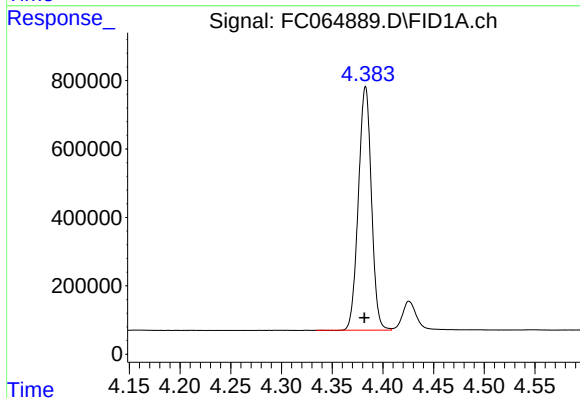
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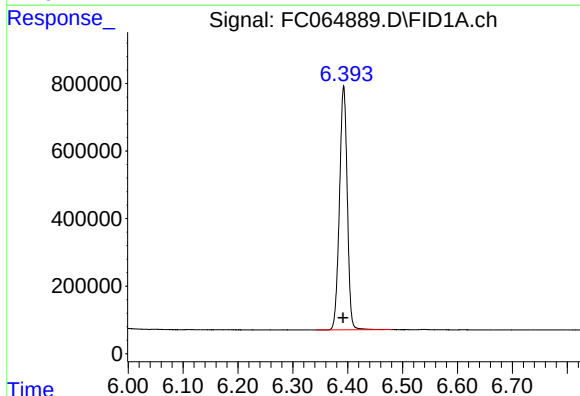
#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: 0.002 min
Response: 5242674
Conc: 28.54 ug/ml



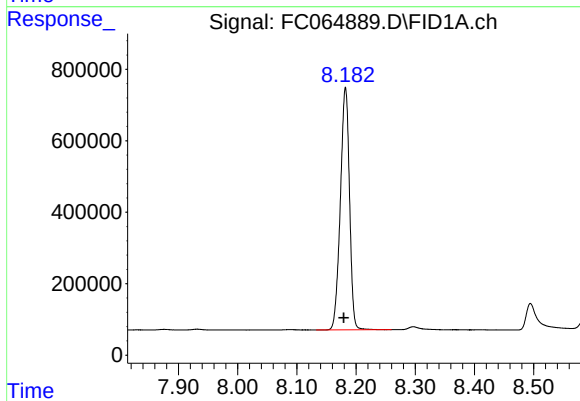
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.001 min
Response: 6366536
Conc: 34.80 ug/ml



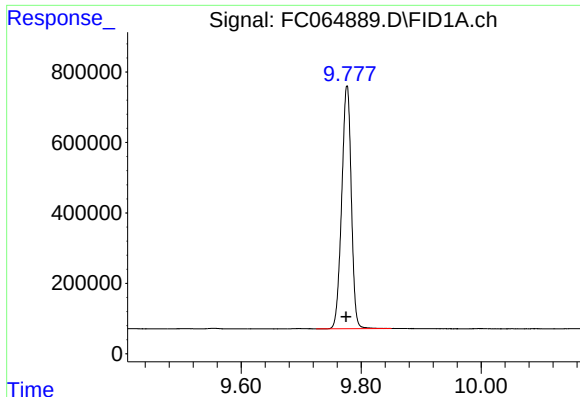
#4 n-Dodecane (C12)

R.T.: 6.393 min
Delta R.T.: 0.001 min
Response: 7098814
Conc: 38.09 ug/ml



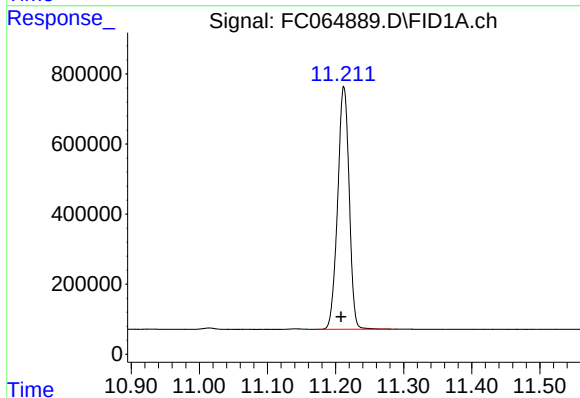
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: 0.003 min
Response: 7271432
Conc: 40.49 ug/ml



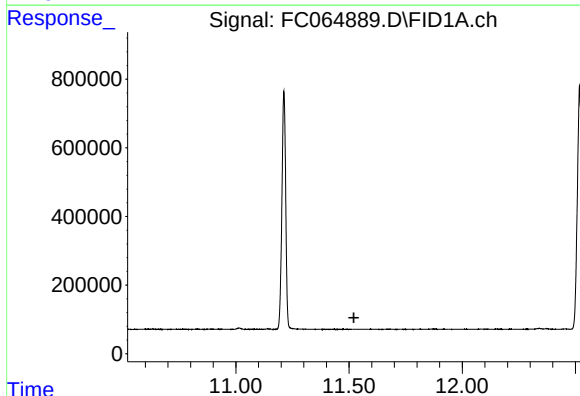
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.002 min
Response: 7649159
Conc: 43.00 ug/ml



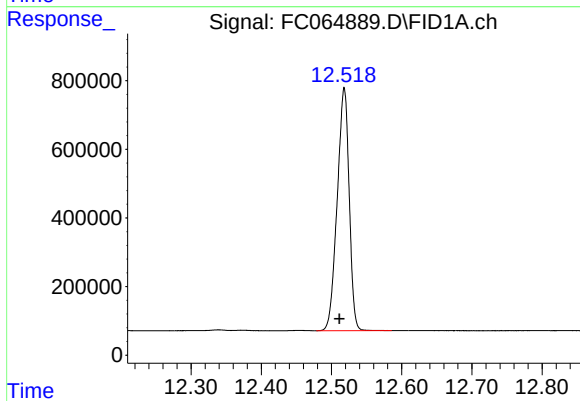
#8 n-Octadecane (C18)

R.T.: 11.212 min
Delta R.T.: 0.004 min
Response: 8142148
Conc: 45.37 ug/ml



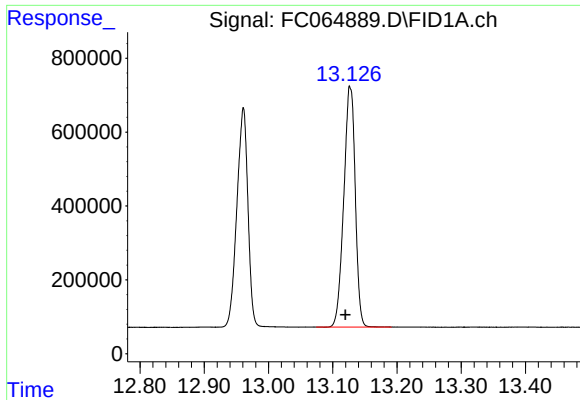
#9 ortho-Terphenyl (SURR)

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



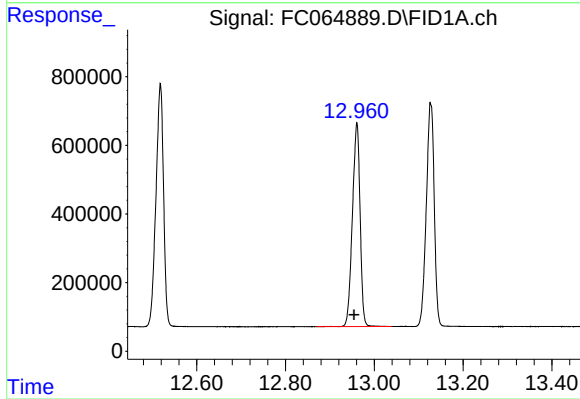
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: 0.007 min
Response: 8398220
Conc: 48.77 ug/ml



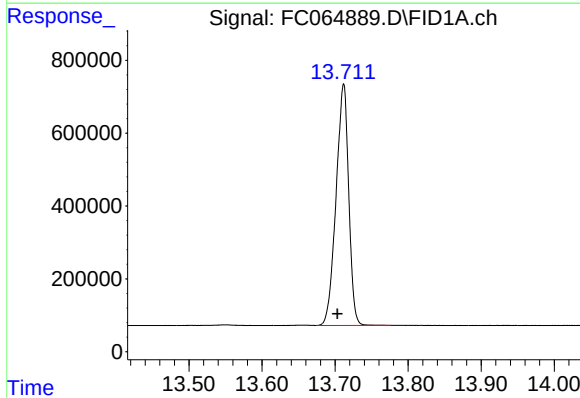
#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: 0.007 min
Response: 8080924
Conc: 47.72 ug/ml



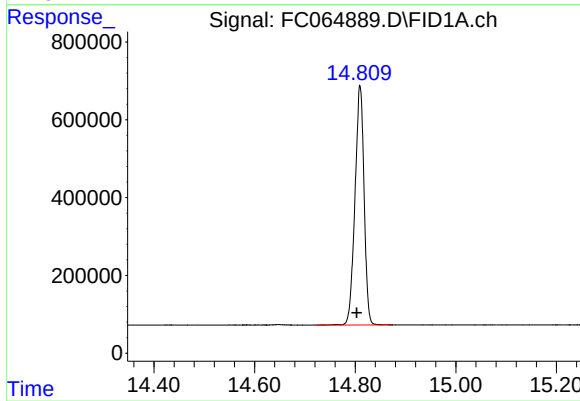
#12 1-chlorooctadecane (SURR)

R.T.: 12.961 min
Delta R.T.: 0.006 min
Response: 7124683
Conc: 47.52 ug/ml



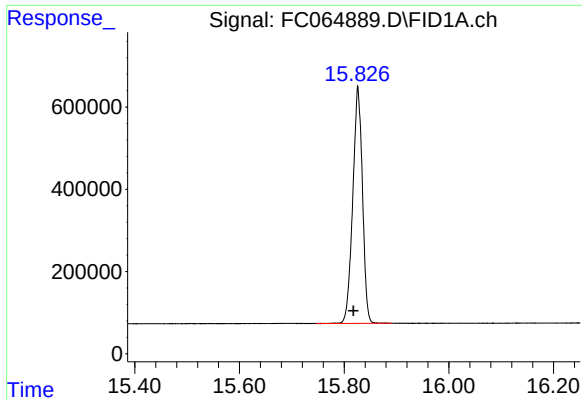
#13 n-Docosane (C22)

R.T.: 13.712 min
Delta R.T.: 0.009 min
Response: 7980501
Conc: 48.43 ug/ml



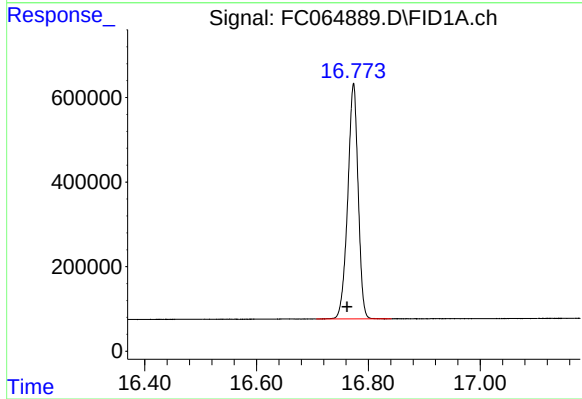
#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: 0.007 min
Response: 7706009
Conc: 48.42 ug/ml



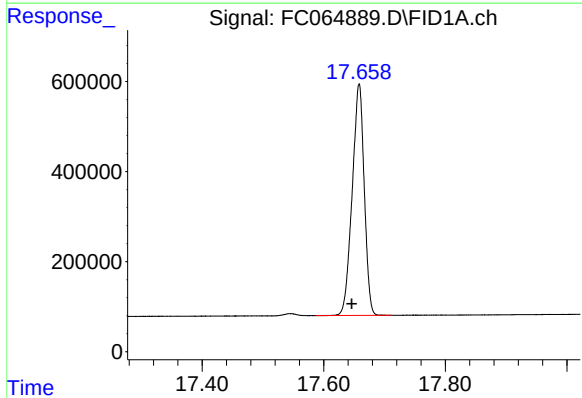
#15 n-Hexacosane (C26)

R.T.: 15.826 min
Delta R.T.: 0.008 min
Response: 7384477
Conc: 48.21 ug/ml



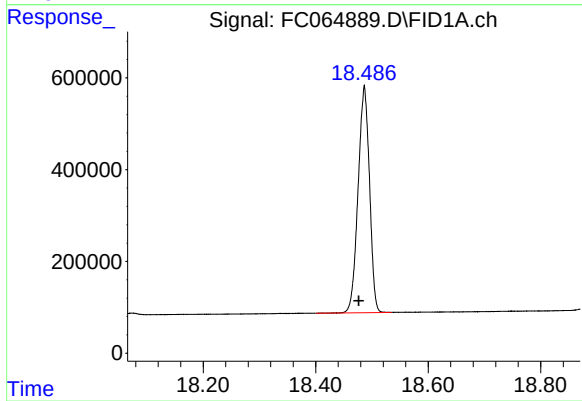
#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: 0.012 min
Response: 7174287
Conc: 48.68 ug/ml



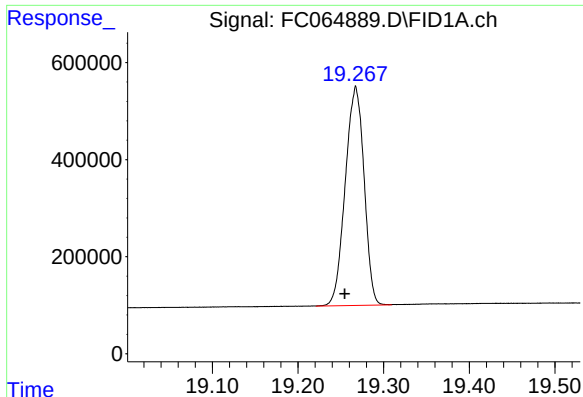
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: 0.012 min
Response: 7077917
Conc: 48.38 ug/ml



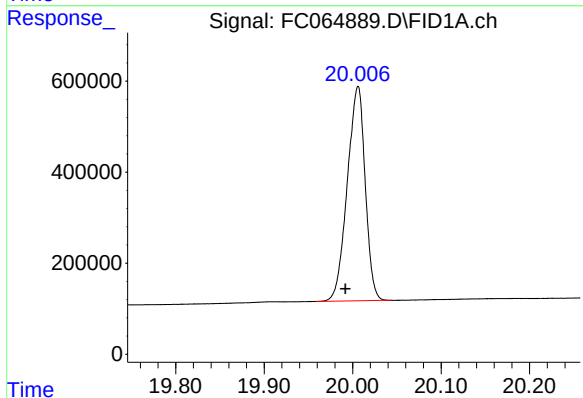
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: 0.010 min
Response: 6951065
Conc: 48.14 ug/ml



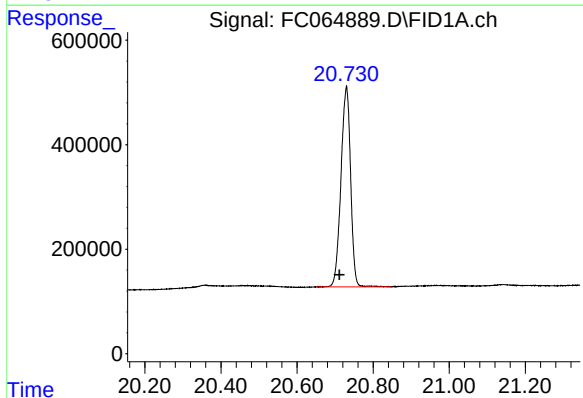
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: 0.012 min
Response: 6882714
Conc: 48.92 ug/ml m



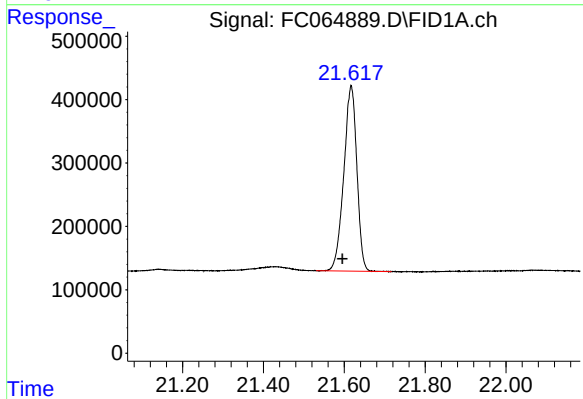
#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: 0.014 min
Response: 6632807
Conc: 47.94 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: 0.018 min
Response: 6741162
Conc: 50.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.617 min
Delta R.T.: 0.021 min
Response: 6552568
Conc: 52.36 ug/ml