

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091025AL\
 Data File : FG016589.D
 Signal(s) : FID1A.ch
 Acq On : 10 Sep 2025 11:57
 Operator : YP\AJ
 Sample : Q2893-03
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 11 04:51:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 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...	13.511	2927855	29.087 ug/ml
Spiked Amount 50.000		Recovery =	58.17%
Target Compounds			
1) T n-Nonane (C9)	3.383	154113	1.362 ug/ml
2) T n-Decane (C10)	4.645	187541	1.629 ug/ml
4) T n-Dodecane (C12)	6.826	214114	1.846 ug/ml
6) T n-Tetradecane (C14)	8.667	232453	2.015 ug/ml
7) T n-Hexadecane (C16)	10.286	208780	1.749 ug/ml
8) T n-Octadecane (C18)	11.740	228144	1.888 ug/ml
10) T n-Eicosane (C20)	13.059	245729	2.106 ug/ml
11) T n-Heneicosane (C21)	13.675	228415	1.987 ug/ml
13) T n-Docosane (C22)	14.268	235709	2.063 ug/mlm
14) T n-Tetracosane (C24)	15.378	238476	2.097 ug/mlm
15) T n-Hexacosane (C26)	16.408	223211	2.010 ug/ml
16) T n-Octacosane (C28)	17.363	236846	2.191 ug/ml
17) T n-Tricontane (C30)	18.256	288235	2.639 ug/ml
18) T n-Dotriacontane (C32)	19.093	327825	3.118 ug/ml
19) T n-Tetratriacontane (C34)	19.882	307972	3.207 ug/ml
20) T n-Hexatriacontane (C36)	20.628	260872	3.120 ug/ml
21) T n-Octatriacontane (C38)	21.411	229867	2.985 ug/ml
22) T n-Tetracontane (C40)	22.407	203567	2.740 ug/ml

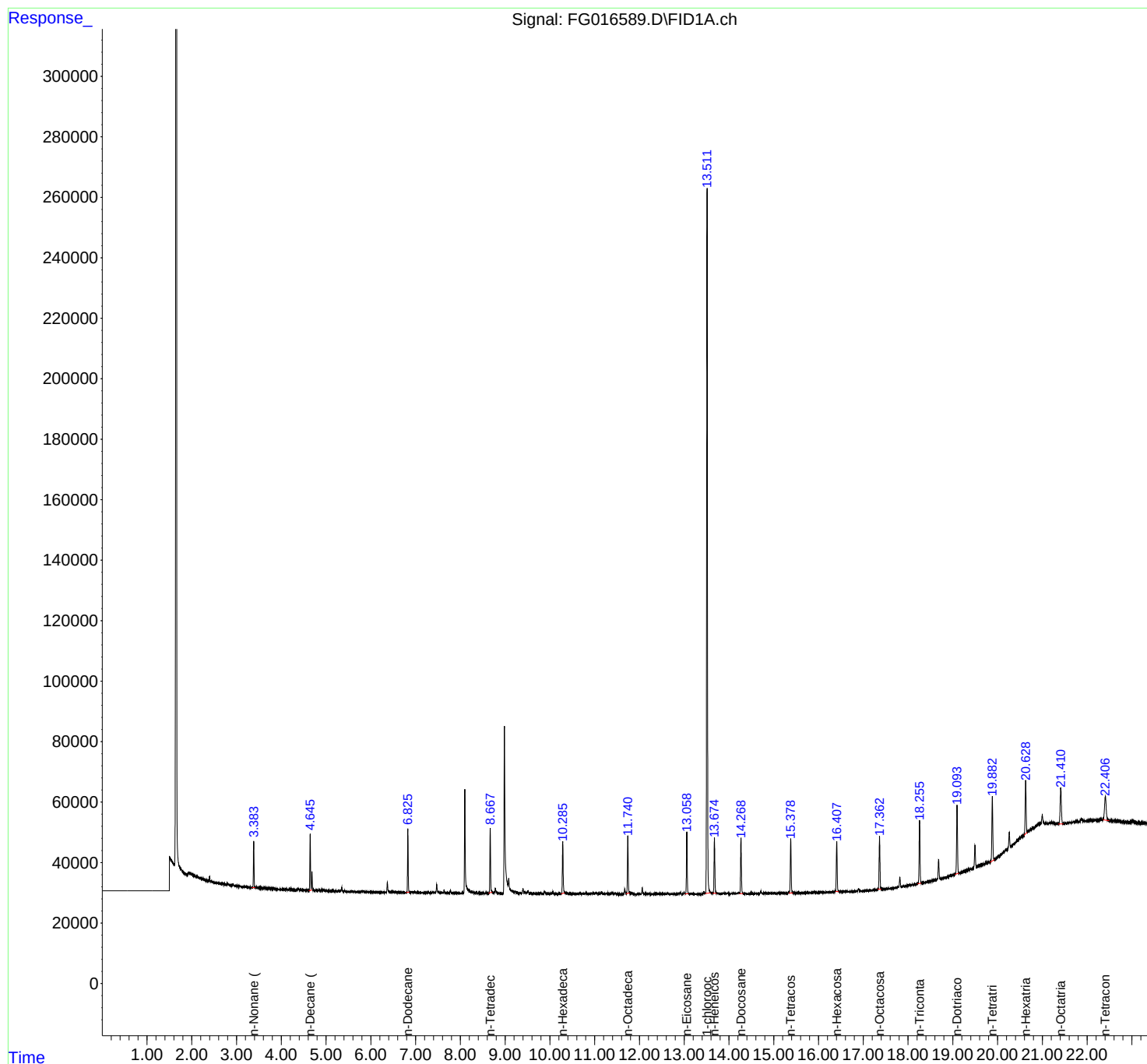
(f)=RT Delta > 1/2 Window

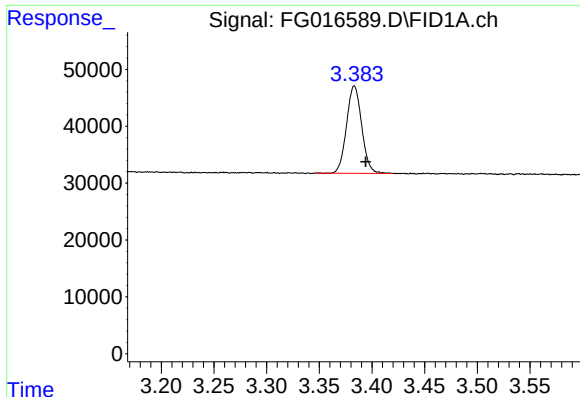
(m)=manual int.

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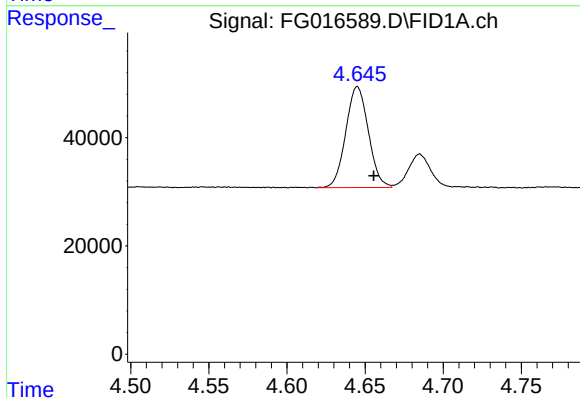
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





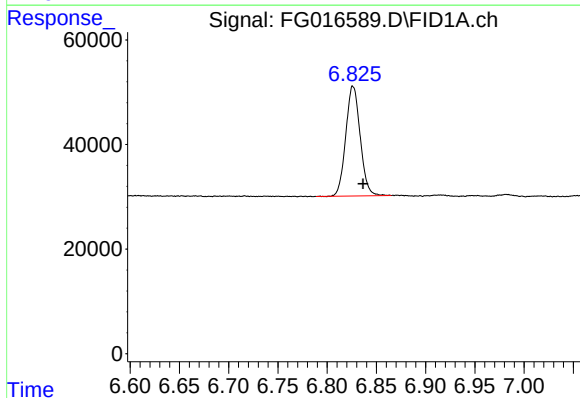
#1 n-Nonane (C9)

R.T.: 3.383 min
Delta R.T.: -0.011 min
Response: 154113
Conc: 1.36 ug/ml



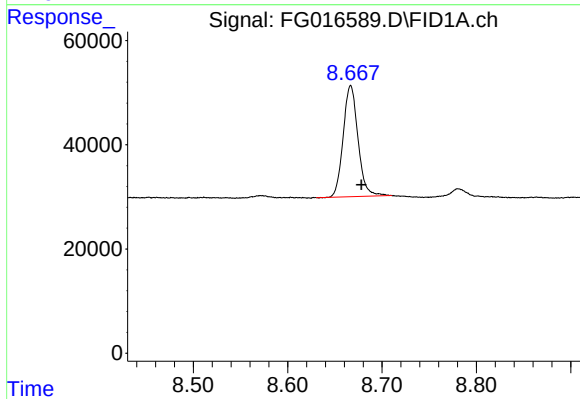
#2 n-Decane (C10)

R.T.: 4.645 min
Delta R.T.: -0.011 min
Response: 187541
Conc: 1.63 ug/ml



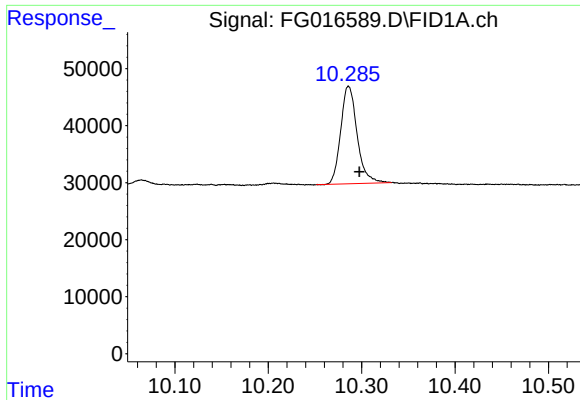
#4 n-Dodecane (C12)

R.T.: 6.826 min
Delta R.T.: -0.010 min
Response: 214114
Conc: 1.85 ug/ml



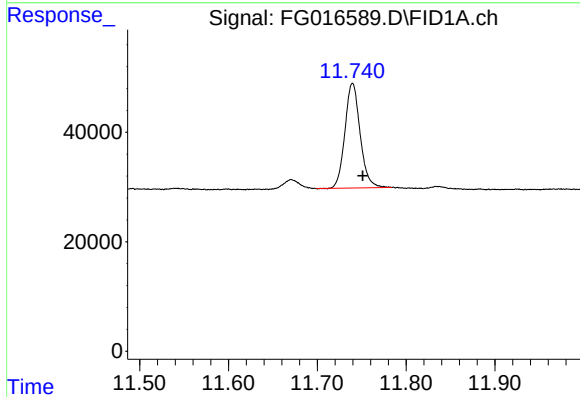
#6 n-Tetradecane (C14)

R.T.: 8.667 min
Delta R.T.: -0.011 min
Response: 232453
Conc: 2.01 ug/ml



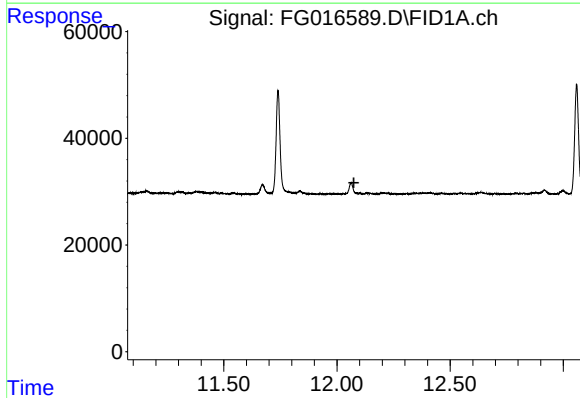
#7 n-Hexadecane (C16)

R.T.: 10.286 min
Delta R.T.: -0.011 min
Response: 208780
Conc: 1.75 ug/ml



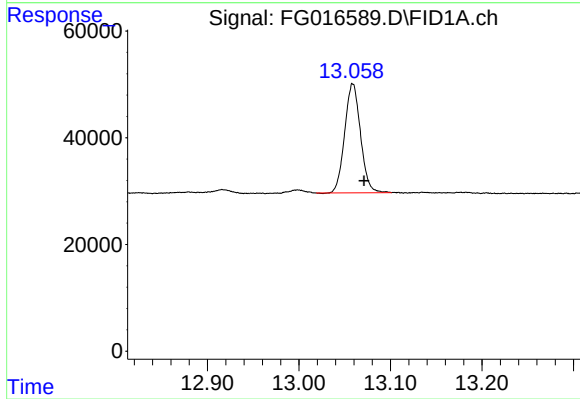
#8 n-Octadecane (C18)

R.T.: 11.740 min
Delta R.T.: -0.012 min
Response: 228144
Conc: 1.89 ug/ml



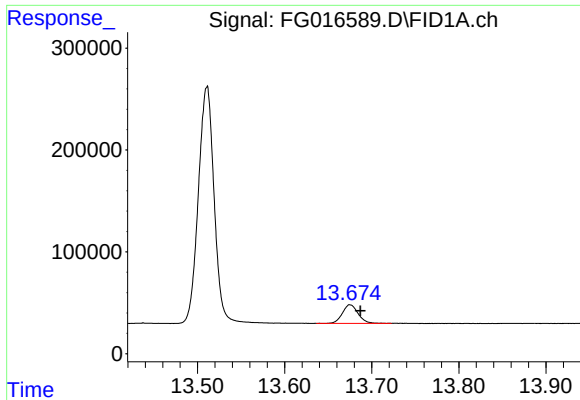
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.075 min
Response: 0
Conc: N.D.



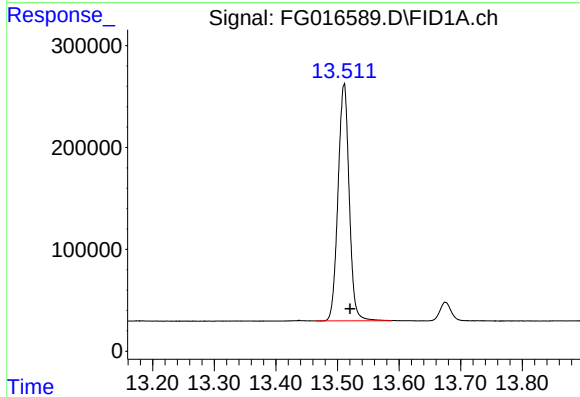
#10 n-Eicosane (C20)

R.T.: 13.059 min
Delta R.T.: -0.012 min
Response: 245729
Conc: 2.11 ug/ml



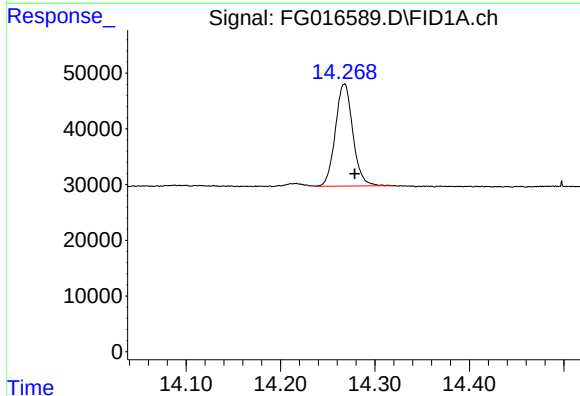
#11 n-Heneicosane (C21)

R.T.: 13.675 min
Delta R.T.: -0.012 min
Response: 228415
Conc: 1.99 ug/ml



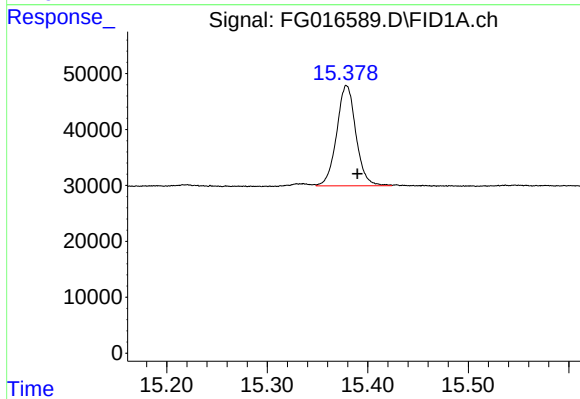
#12 1-chlorooctadecane (SURR)

R.T.: 13.511 min
Delta R.T.: -0.010 min
Response: 2927855
Conc: 29.09 ug/ml



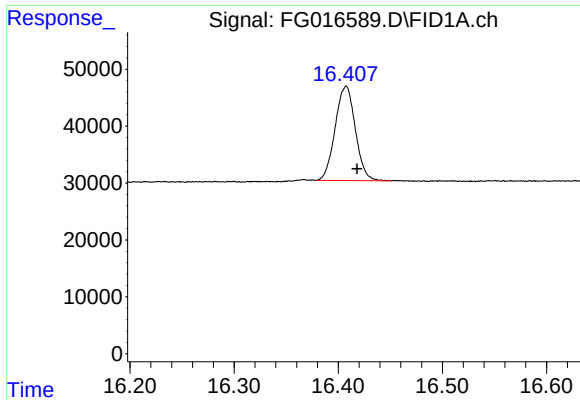
#13 n-Docosane (C22)

R.T.: 14.268 min
Delta R.T.: -0.010 min
Response: 235709
Conc: 2.06 ug/ml m



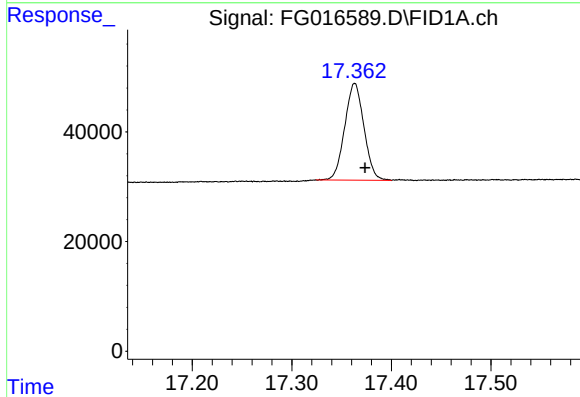
#14 n-Tetracosane (C24)

R.T.: 15.378 min
Delta R.T.: -0.012 min
Response: 238476
Conc: 2.10 ug/ml m



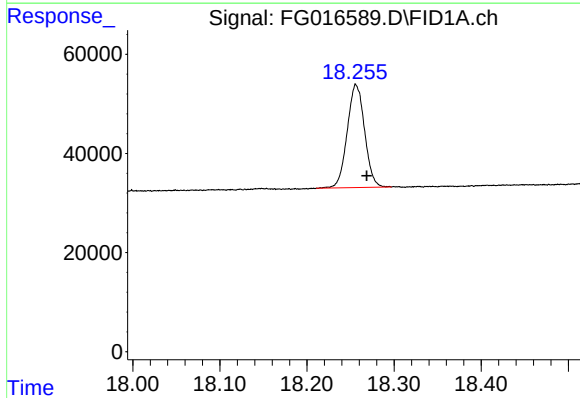
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: -0.010 min
Response: 223211
Conc: 2.01 ug/ml



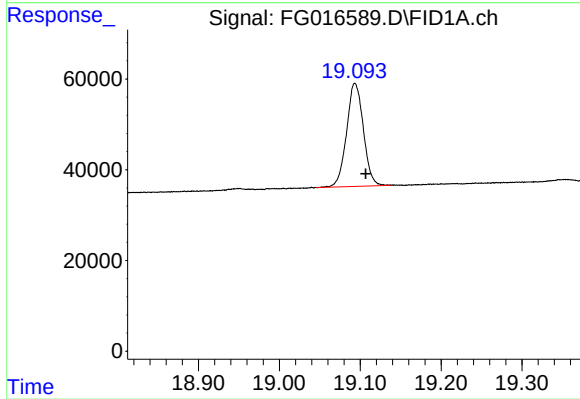
#16 n-Octacosane (C28)

R.T.: 17.363 min
Delta R.T.: -0.010 min
Response: 236846
Conc: 2.19 ug/ml



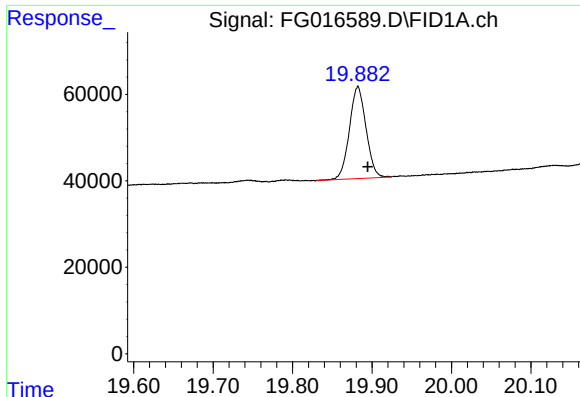
#17 n-Tricontane (C30)

R.T.: 18.256 min
Delta R.T.: -0.013 min
Response: 288235
Conc: 2.64 ug/ml



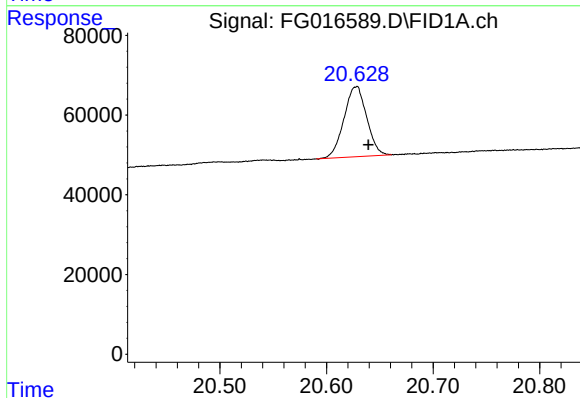
#18 n-Dotriacontane (C32)

R.T.: 19.093 min
Delta R.T.: -0.014 min
Response: 327825
Conc: 3.12 ug/ml



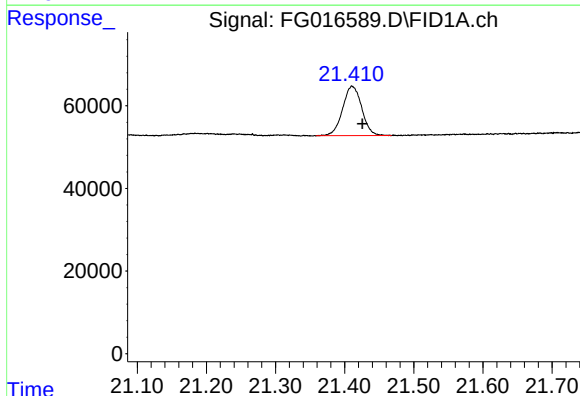
#19 n-Tetratriacontane (C34)

R.T.: 19.882 min
Delta R.T.: -0.012 min
Response: 307972
Conc: 3.21 ug/ml



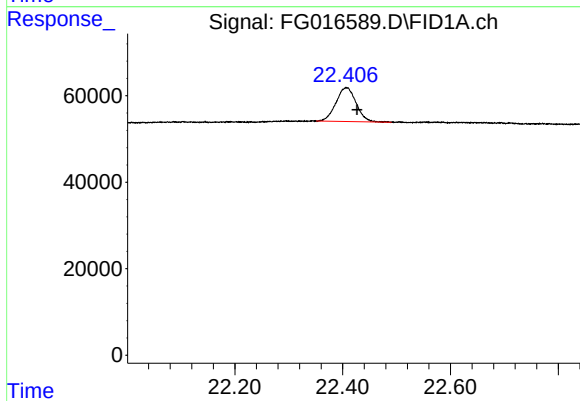
#20 n-Hexatriacontane (C36)

R.T.: 20.628 min
Delta R.T.: -0.011 min
Response: 260872
Conc: 3.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.411 min
Delta R.T.: -0.015 min
Response: 229867
Conc: 2.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.407 min
Delta R.T.: -0.020 min
Response: 203567
Conc: 2.74 ug/ml