

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091025AL\
 Data File : FG016588.D
 Signal(s) : FID1A.ch
 Acq On : 10 Sep 2025 11:28
 Operator : YP\AJ
 Sample : Q2893-09
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 11 04:50:58 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	2959577	29.402 ug/ml
Spiked Amount 50.000		Recovery =	58.80%
Target Compounds			
1) T n-Nonane (C9)	3.383	153270	1.355 ug/ml
2) T n-Decane (C10)	4.645	187212	1.626 ug/ml
4) T n-Dodecane (C12)	6.827	216436	1.866 ug/ml
6) T n-Tetradecane (C14)	8.667	232407	2.014 ug/ml
7) T n-Hexadecane (C16)	10.286	213683	1.790 ug/ml
8) T n-Octadecane (C18)	11.740	231991	1.920 ug/ml
10) T n-Eicosane (C20)	13.059	250577	2.148 ug/ml
11) T n-Heneicosane (C21)	13.676	230358	2.004 ug/ml
13) T n-Docosane (C22)	14.268	238796	2.090 ug/ml
14) T n-Tetracosane (C24)	15.379	245861	2.161 ug/mlm
15) T n-Hexacosane (C26)	16.408	233446	2.102 ug/ml
16) T n-Octacosane (C28)	17.363	243884	2.256 ug/ml
17) T n-Tricontane (C30)	18.257	289443	2.650 ug/ml
18) T n-Dotriacontane (C32)	19.095	323727	3.079 ug/ml
19) T n-Tetratriacontane (C34)	19.882	302214	3.147 ug/ml
20) T n-Hexatriacontane (C36)	20.628	258132	3.087 ug/ml
21) T n-Octatriacontane (C38)	21.410	227336	2.953 ug/ml
22) T n-Tetracontane (C40)	22.405	206881	2.785 ug/ml

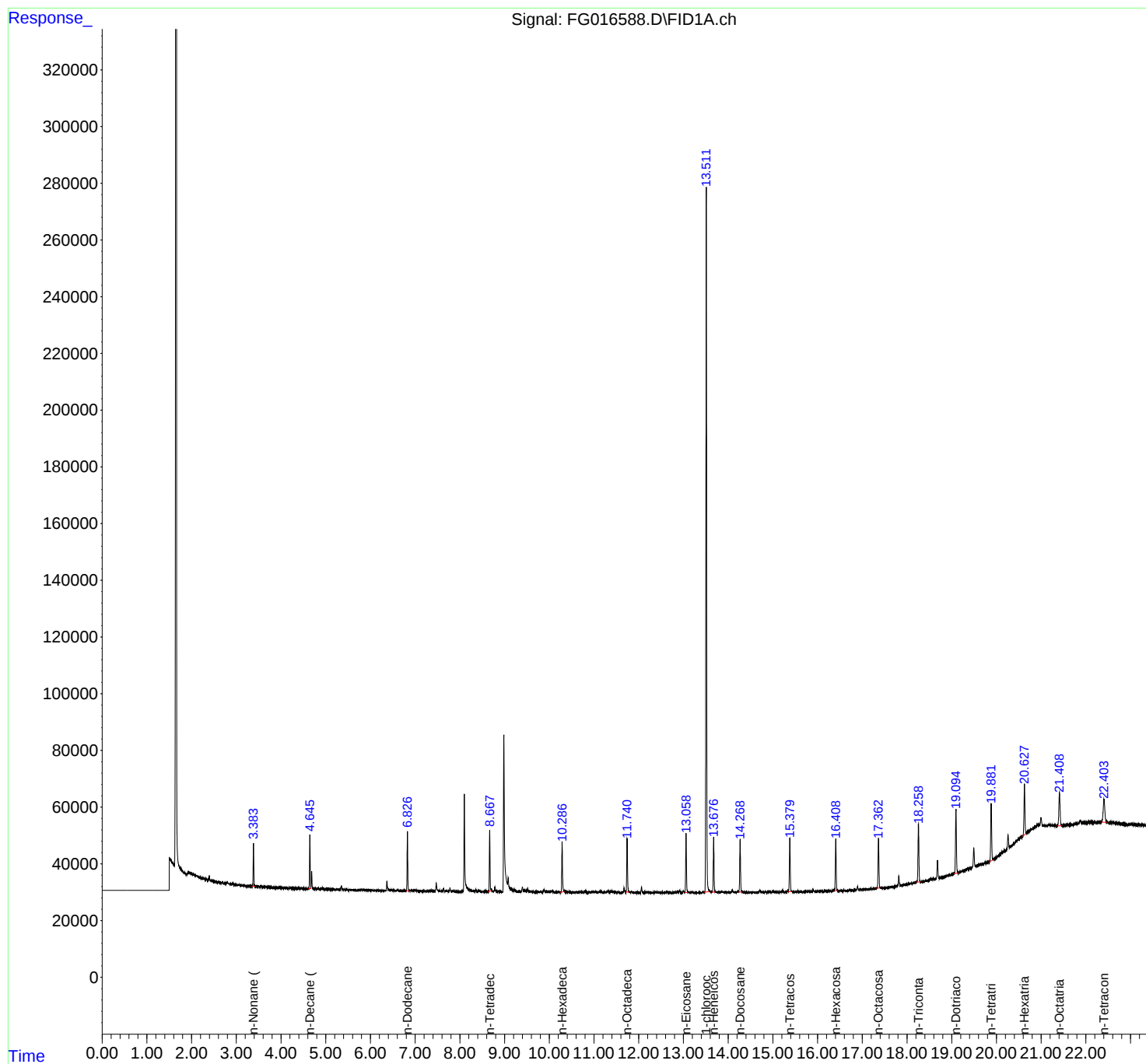
(f)=RT Delta > 1/2 Window

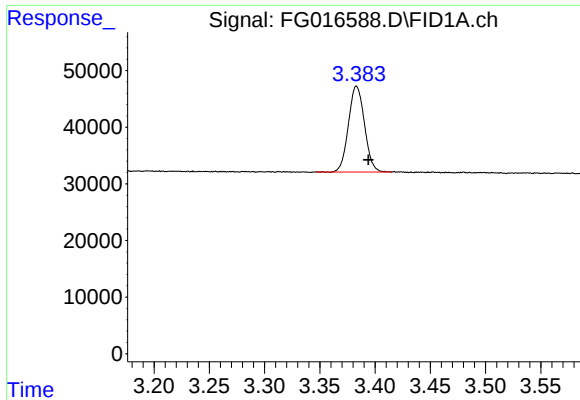
(m)=manual int.

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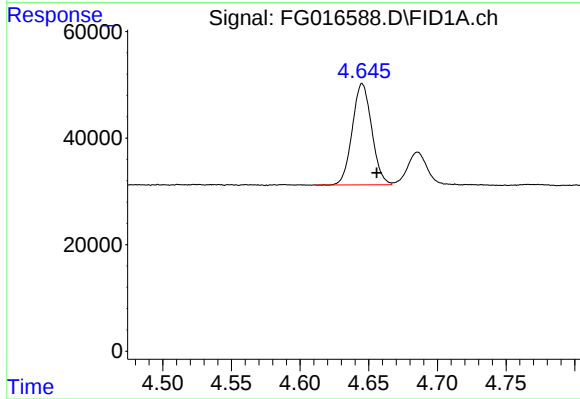
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





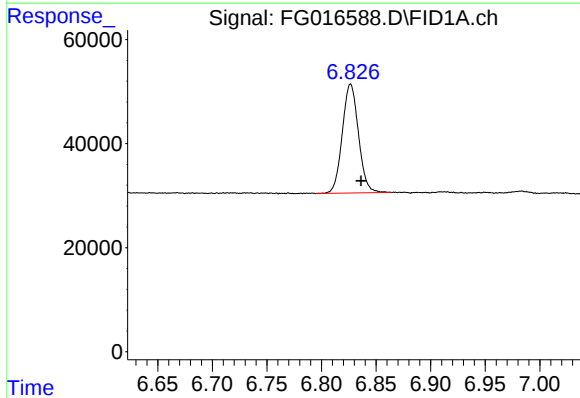
#1 n-Nonane (C9)

R.T.: 3.383 min
Delta R.T.: -0.011 min
Response: 153270
Conc: 1.35 ug/ml



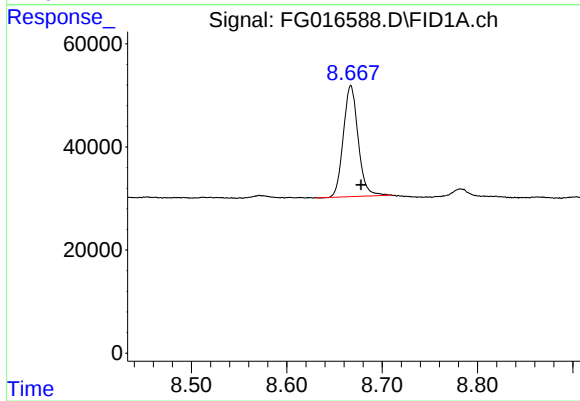
#2 n-Decane (C10)

R.T.: 4.645 min
Delta R.T.: -0.010 min
Response: 187212
Conc: 1.63 ug/ml



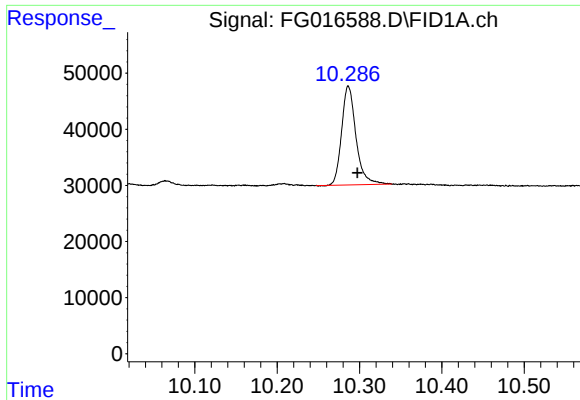
#4 n-Dodecane (C12)

R.T.: 6.827 min
Delta R.T.: -0.010 min
Response: 216436
Conc: 1.87 ug/ml



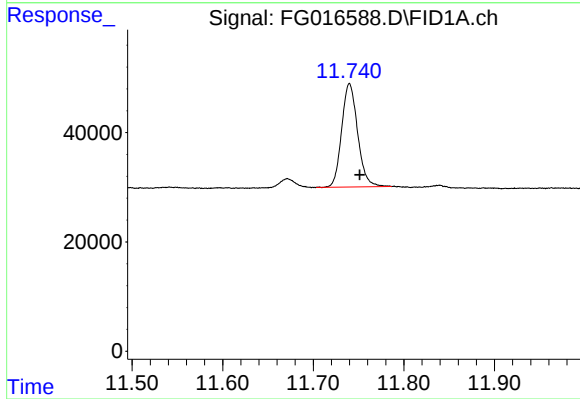
#6 n-Tetradecane (C14)

R.T.: 8.667 min
Delta R.T.: -0.011 min
Response: 232407
Conc: 2.01 ug/ml



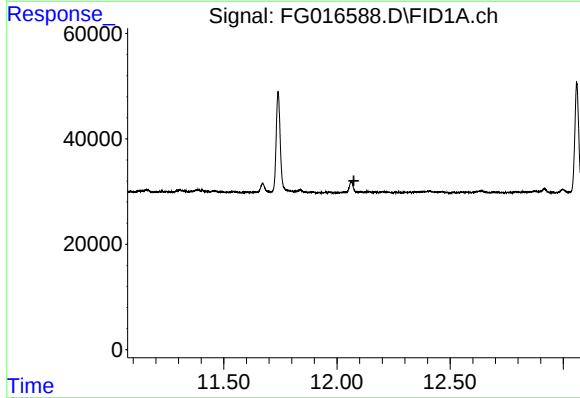
#7 n-Hexadecane (C16)

R.T.: 10.286 min
Delta R.T.: -0.011 min
Response: 213683
Conc: 1.79 ug/ml



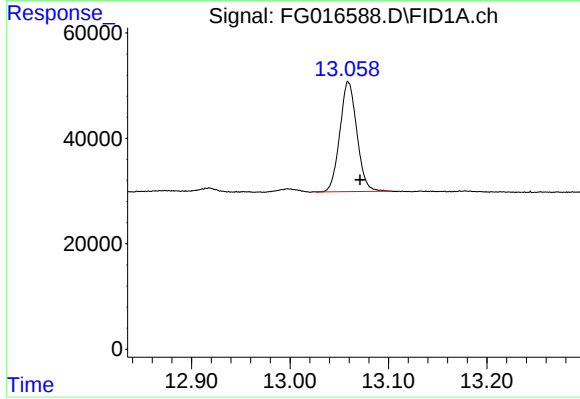
#8 n-Octadecane (C18)

R.T.: 11.740 min
Delta R.T.: -0.011 min
Response: 231991
Conc: 1.92 ug/ml



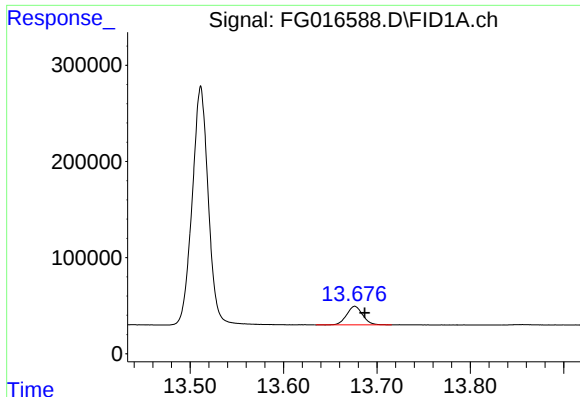
#9 ortho-Terphenyl (SURR)

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



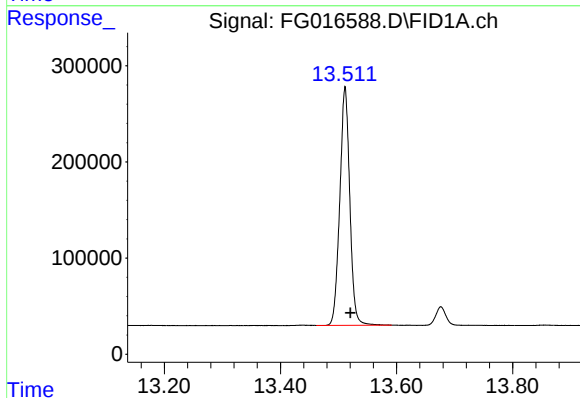
#10 n-Eicosane (C20)

R.T.: 13.059 min
Delta R.T.: -0.012 min
Response: 250577
Conc: 2.15 ug/ml



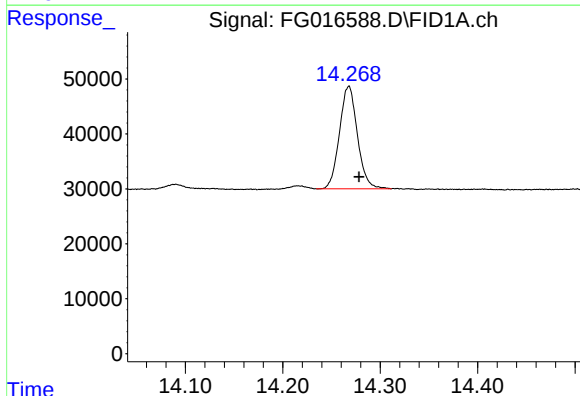
#11 n-Heneicosane (C21)

R.T.: 13.676 min
Delta R.T.: -0.011 min
Response: 230358
Conc: 2.00 ug/ml



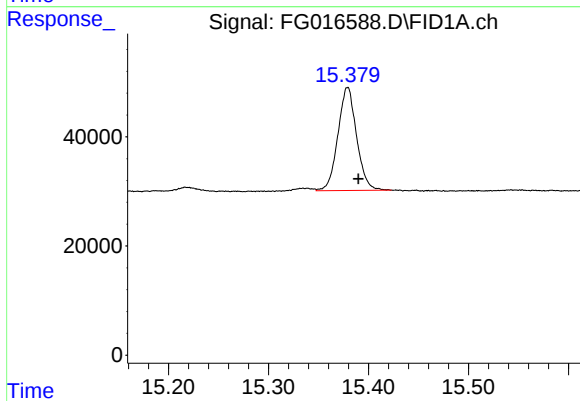
#12 1-chlorooctadecane (SURR)

R.T.: 13.511 min
Delta R.T.: -0.009 min
Response: 2959577
Conc: 29.40 ug/ml



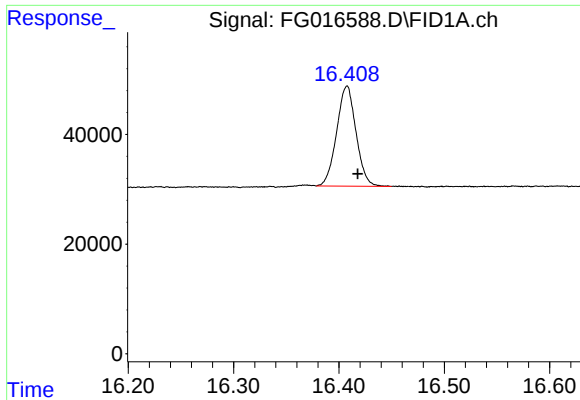
#13 n-Docosane (C22)

R.T.: 14.268 min
Delta R.T.: -0.011 min
Response: 238796
Conc: 2.09 ug/ml



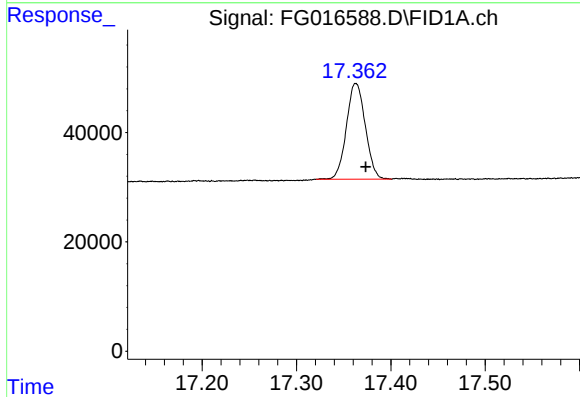
#14 n-Tetracosane (C24)

R.T.: 15.379 min
Delta R.T.: -0.011 min
Response: 245861
Conc: 2.16 ug/ml m



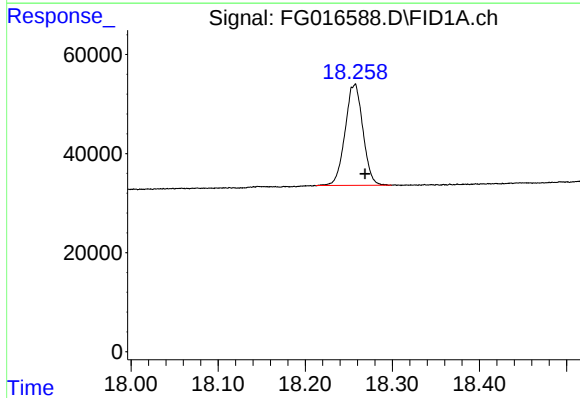
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: -0.010 min
Response: 233446
Conc: 2.10 ug/ml



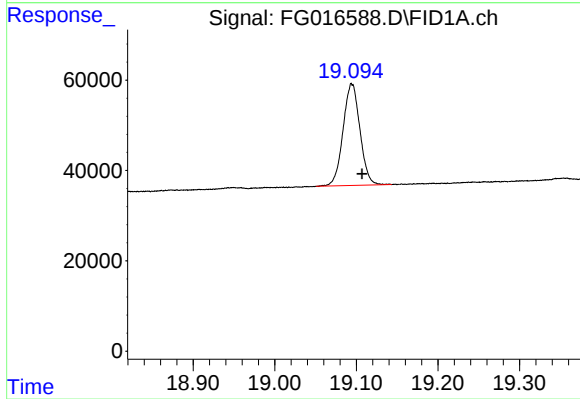
#16 n-Octacosane (C28)

R.T.: 17.363 min
Delta R.T.: -0.011 min
Response: 243884
Conc: 2.26 ug/ml



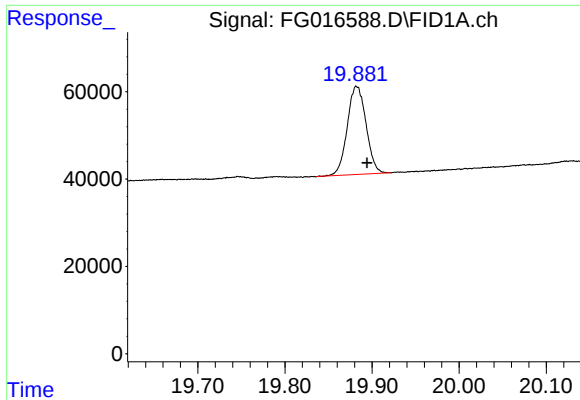
#17 n-Tricontane (C30)

R.T.: 18.257 min
Delta R.T.: -0.012 min
Response: 289443
Conc: 2.65 ug/ml



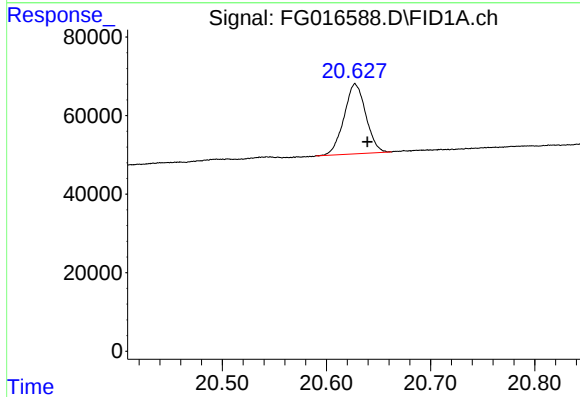
#18 n-Dotriacontane (C32)

R.T.: 19.095 min
Delta R.T.: -0.012 min
Response: 323727
Conc: 3.08 ug/ml



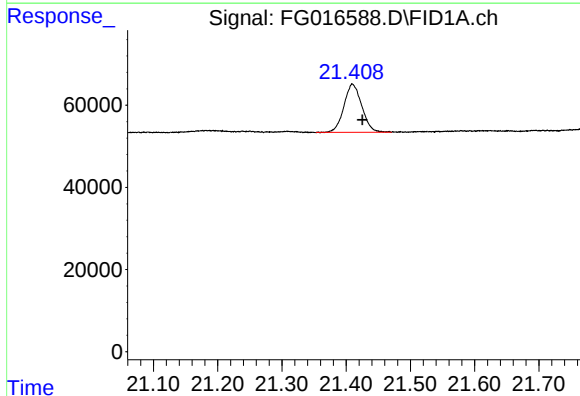
#19 n-Tetratriacontane (C34)

R.T.: 19.882 min
Delta R.T.: -0.012 min
Response: 302214
Conc: 3.15 ug/ml



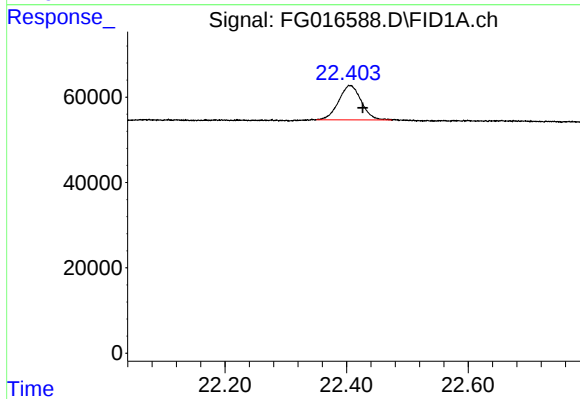
#20 n-Hexatriacontane (C36)

R.T.: 20.628 min
Delta R.T.: -0.012 min
Response: 258132
Conc: 3.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.410 min
Delta R.T.: -0.016 min
Response: 227336
Conc: 2.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.405 min
Delta R.T.: -0.021 min
Response: 206881
Conc: 2.78 ug/ml