

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090225AL\
 Data File : FG016498.D
 Signal(s) : FID1A.ch
 Acq On : 02 Sep 2025 14:43
 Operator : YP\AJ
 Sample : Q2991-01 10X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 03 05:09:52 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			
9) S ortho-Terphenyl (SURR)	12.068	546254	4.126 ug/ml
Spiked Amount 50.000		Recovery =	8.25%
12) S 1-chlorooctadecane (S...	13.515	649553	6.453 ug/ml
Spiked Amount 50.000		Recovery =	12.91%
Target Compounds			
1) T n-Nonane (C9)	3.380	79061	0.699 ug/ml
2) T n-Decane (C10)	4.646	227690	1.978 ug/ml
3) T A~Naphthalene (C11.7)	6.375	163399	1.316 ug/ml
4) T n-Dodecane (C12)	6.830	343999	2.965 ug/ml
5) T A~2-methylnaphthalene...	7.497	40604	0.340 ug/ml
6) T n-Tetradecane (C14)	8.671	45973	0.398 ug/ml
7) T n-Hexadecane (C16)	10.291	67314	0.564 ug/ml
8) T n-Octadecane (C18)	11.745	145094	1.201 ug/ml
10) T n-Eicosane (C20)	13.065	157688	1.352 ug/ml
11) T n-Heneicosane (C21)	13.682	130952	1.139 ug/ml
13) T n-Docosane (C22)	14.275	247039	2.162 ug/ml
14) T n-Tetracosane (C24)	15.387	307686	2.705 ug/ml
15) T n-Hexacosane (C26)	16.414	821567	7.399 ug/ml
16) T n-Octacosane (C28)	17.372	1114976	10.314 ug/ml
17) T n-Tricontane (C30)	18.267	196135	1.796 ug/ml
18) T n-Dotriacontane (C32)	19.102	171490	1.631 ug/ml
19) T n-Tetratriacontane (C34)	19.895	468445	4.878 ug/ml

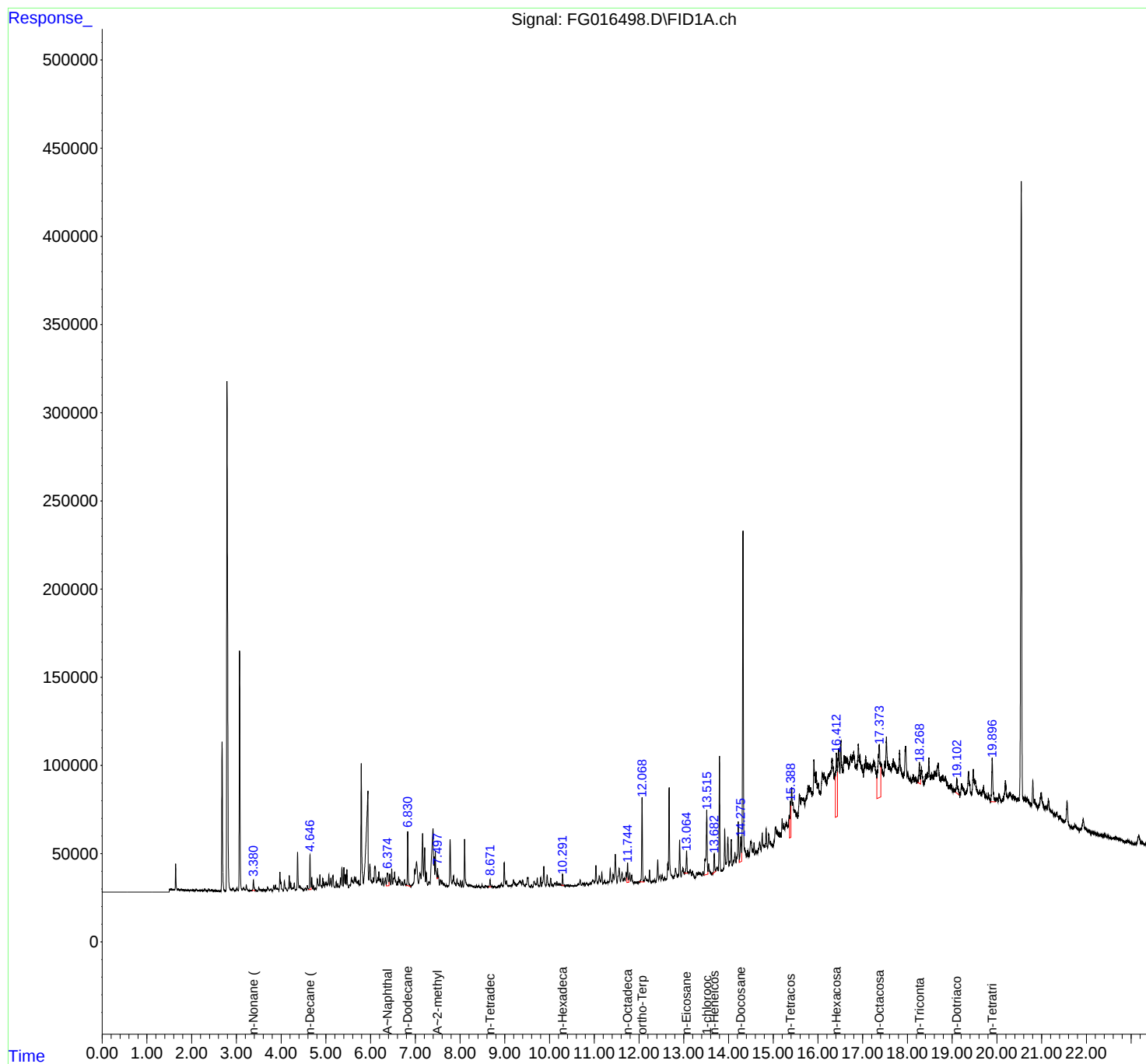
(f)=RT Delta > 1/2 Window

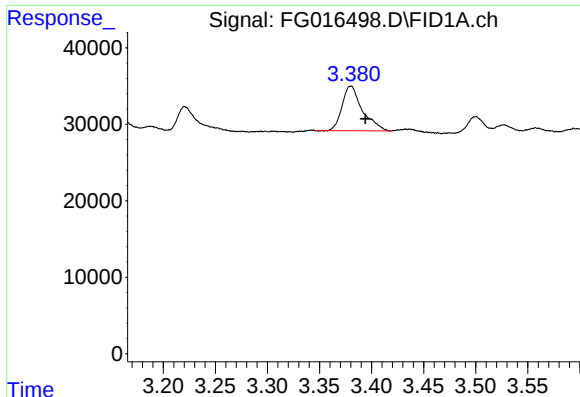
(m)=manual int.

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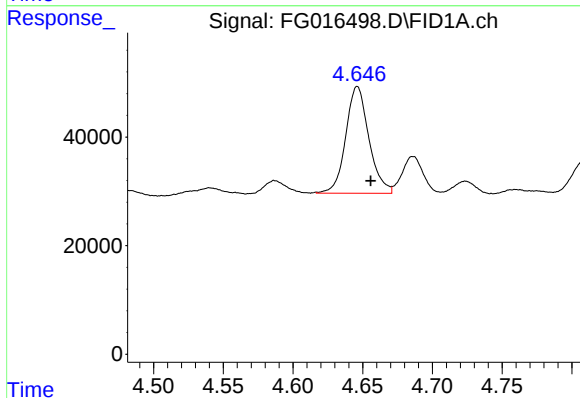
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





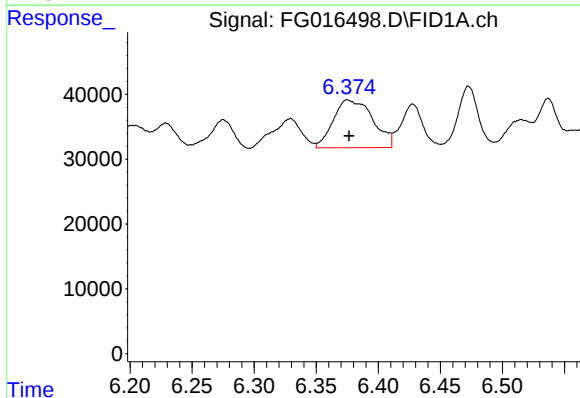
#1 n-Nonane (C9)

R.T.: 3.380 min
Delta R.T.: -0.014 min
Response: 79061
Conc: 0.70 ug/ml



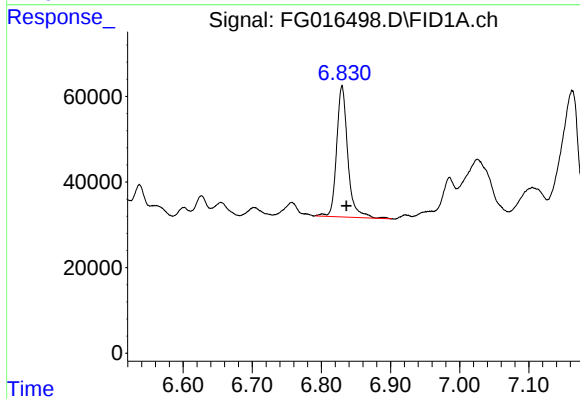
#2 n-Decane (C10)

R.T.: 4.646 min
Delta R.T.: -0.009 min
Response: 227690
Conc: 1.98 ug/ml



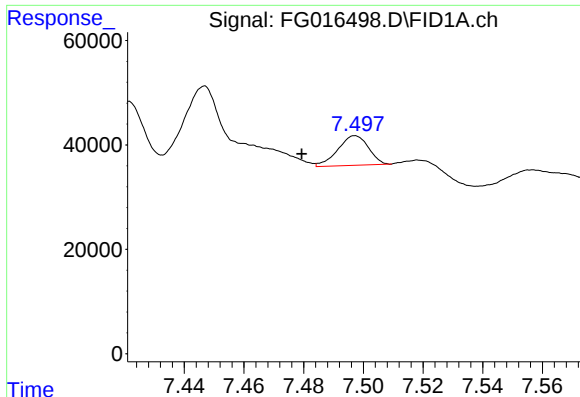
#3 A~Naphthalene (C11.7)

R.T.: 6.375 min
Delta R.T.: -0.001 min
Response: 163399
Conc: 1.32 ug/ml



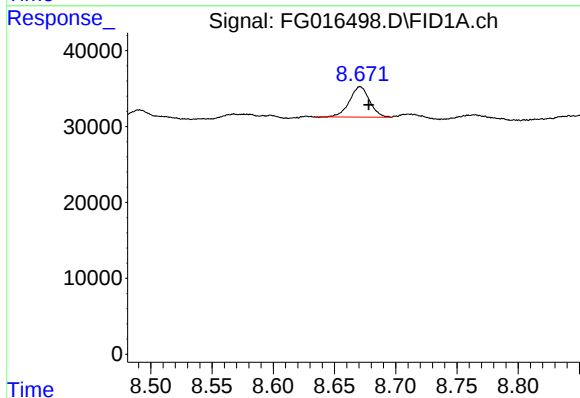
#4 n-Dodecane (C12)

R.T.: 6.830 min
Delta R.T.: -0.007 min
Response: 343999
Conc: 2.97 ug/ml



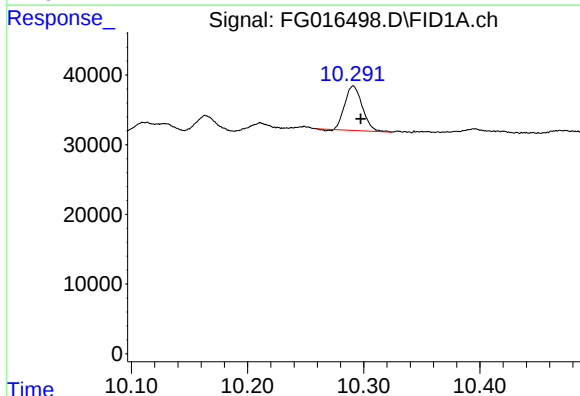
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.497 min
Delta R.T.: 0.018 min
Response: 40604
Conc: 0.34 ug/ml



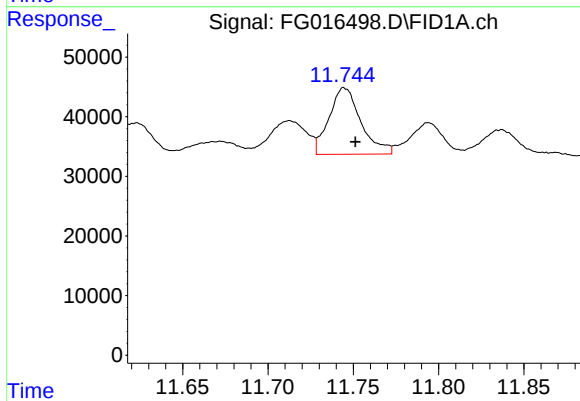
#6 n-Tetradecane (C14)

R.T.: 8.671 min
Delta R.T.: -0.007 min
Response: 45973
Conc: 0.40 ug/ml



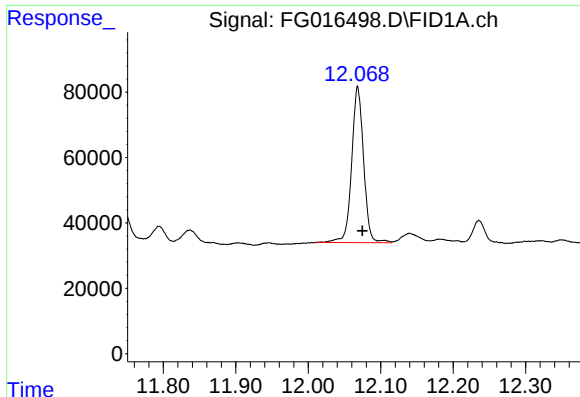
#7 n-Hexadecane (C16)

R.T.: 10.291 min
Delta R.T.: -0.006 min
Response: 67314
Conc: 0.56 ug/ml



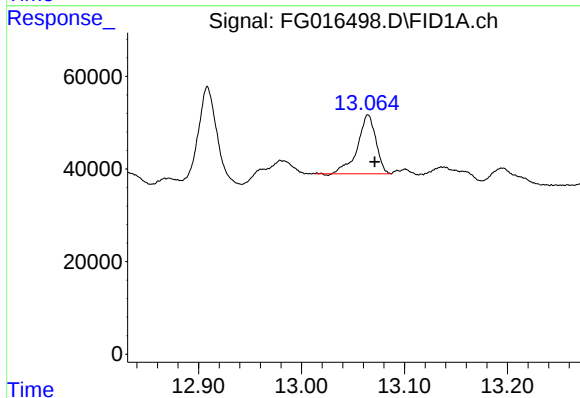
#8 n-Octadecane (C18)

R.T.: 11.745 min
Delta R.T.: -0.007 min
Response: 145094
Conc: 1.20 ug/ml



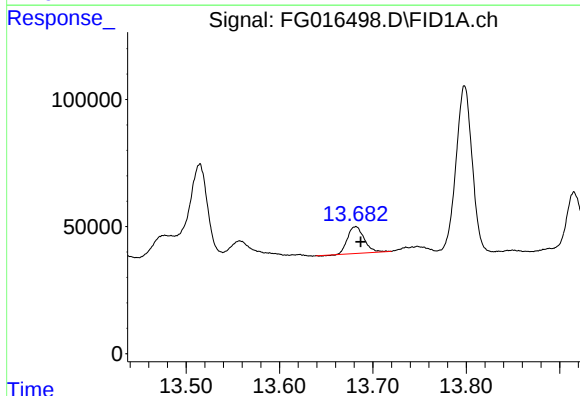
#9 ortho-Terphenyl (SURR)

R.T.: 12.068 min
Delta R.T.: -0.007 min
Response: 546254
Conc: 4.13 ug/ml



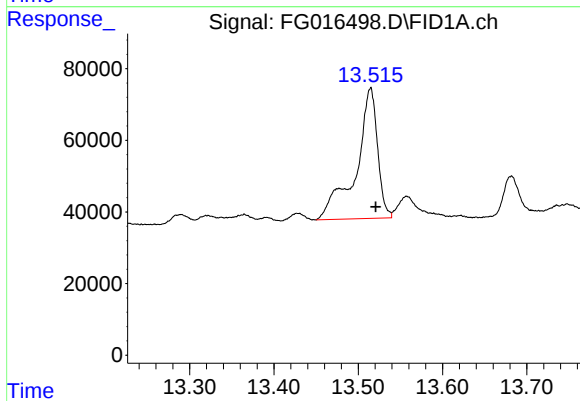
#10 n-Eicosane (C20)

R.T.: 13.065 min
Delta R.T.: -0.007 min
Response: 157688
Conc: 1.35 ug/ml



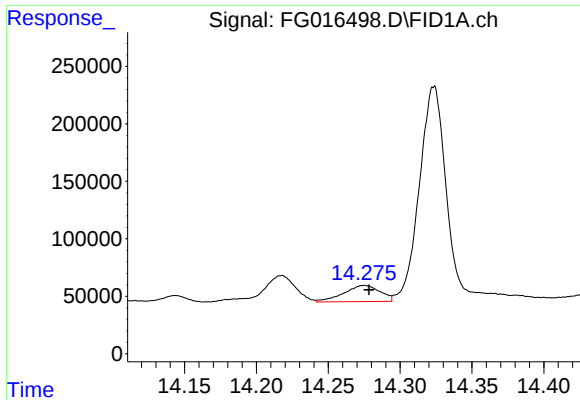
#11 n-Heneicosane (C21)

R.T.: 13.682 min
Delta R.T.: -0.005 min
Response: 130952
Conc: 1.14 ug/ml



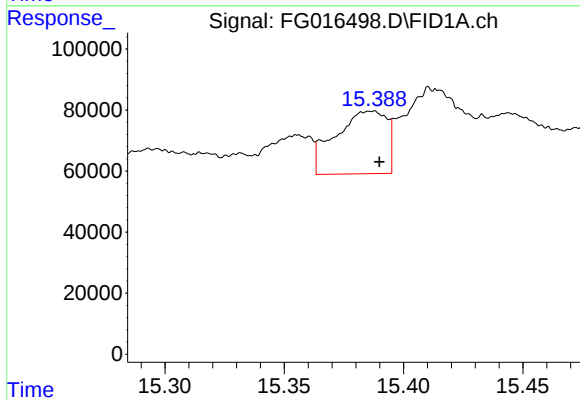
#12 1-chlorooctadecane (SURR)

R.T.: 13.515 min
Delta R.T.: -0.006 min
Response: 649553
Conc: 6.45 ug/ml



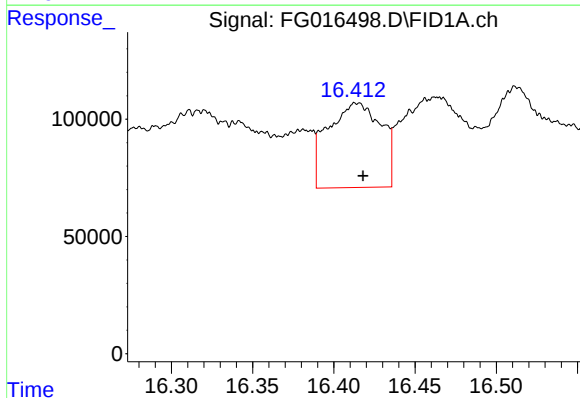
#13 n-Docosane (C22)

R.T.: 14.275 min
Delta R.T.: -0.004 min
Response: 247039
Conc: 2.16 ug/ml



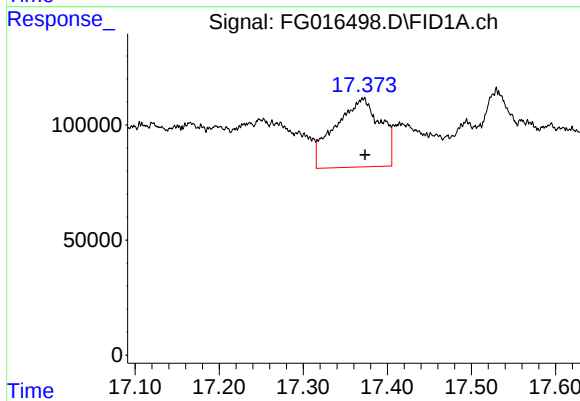
#14 n-Tetracosane (C24)

R.T.: 15.387 min
Delta R.T.: -0.003 min
Response: 307686
Conc: 2.70 ug/ml



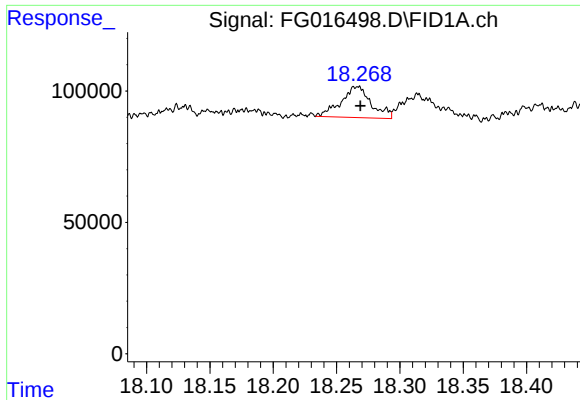
#15 n-Hexacosane (C26)

R.T.: 16.414 min
Delta R.T.: -0.003 min
Response: 821567
Conc: 7.40 ug/ml



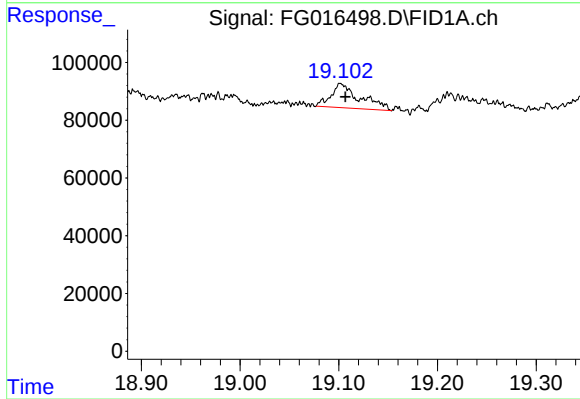
#16 n-Octacosane (C28)

R.T.: 17.372 min
Delta R.T.: -0.002 min
Response: 1114976
Conc: 10.31 ug/ml



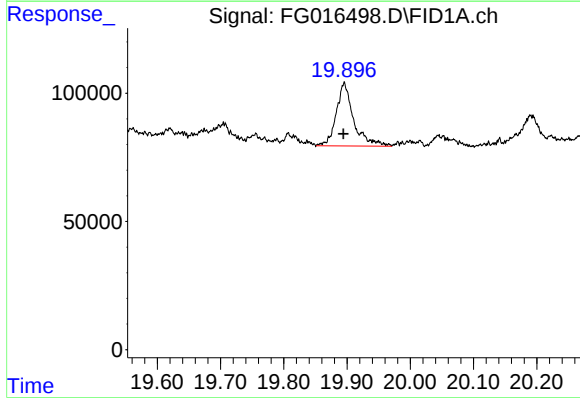
#17 n-Tricontane (C30)

R.T.: 18.267 min
Delta R.T.: -0.002 min
Response: 196135
Conc: 1.80 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.102 min
Delta R.T.: -0.005 min
Response: 171490
Conc: 1.63 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.895 min
Delta R.T.: 0.001 min
Response: 468445
Conc: 4.88 ug/ml