

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090925AL\
 Data File : FG016575.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2025 12:05
 Operator : YP\AJ
 Sample : Q2893-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 43 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 10 02:30:19 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...	13.513	2959652	29.403 ug/ml
Spiked Amount 50.000		Recovery =	58.81%
Target Compounds			
1) T n-Nonane (C9)	3.384	154185	1.363 ug/ml
2) T n-Decane (C10)	4.646	187177	1.626 ug/ml
4) T n-Dodecane (C12)	6.828	216088	1.863 ug/ml
6) T n-Tetradecane (C14)	8.669	232275	2.013 ug/ml
7) T n-Hexadecane (C16)	10.289	210597	1.764 ug/ml
8) T n-Octadecane (C18)	11.742	228287	1.889 ug/ml
10) T n-Eicosane (C20)	13.061	249519	2.139 ug/ml
11) T n-Heneicosane (C21)	13.678	228469	1.988 ug/ml
13) T n-Docosane (C22)	14.268	238222	2.085 ug/mlm
14) T n-Tetracosane (C24)	15.381	241506	2.123 ug/mlm
15) T n-Hexacosane (C26)	16.409	224169	2.019 ug/ml
16) T n-Octacosane (C28)	17.366	226595	2.096 ug/ml
17) T n-Tricontane (C30)	18.258	255869	2.343 ug/ml
18) T n-Dotriacontane (C32)	19.096	292458	2.782 ug/ml
19) T n-Tetratriacontane (C34)	19.884	257996	2.687 ug/ml
20) T n-Hexatriacontane (C36)	20.630	215936	2.582 ug/ml
21) T n-Octatriacontane (C38)	21.415	220299	2.861 ug/ml
22) T n-Tetracontane (C40)	22.412	177300	2.386 ug/ml

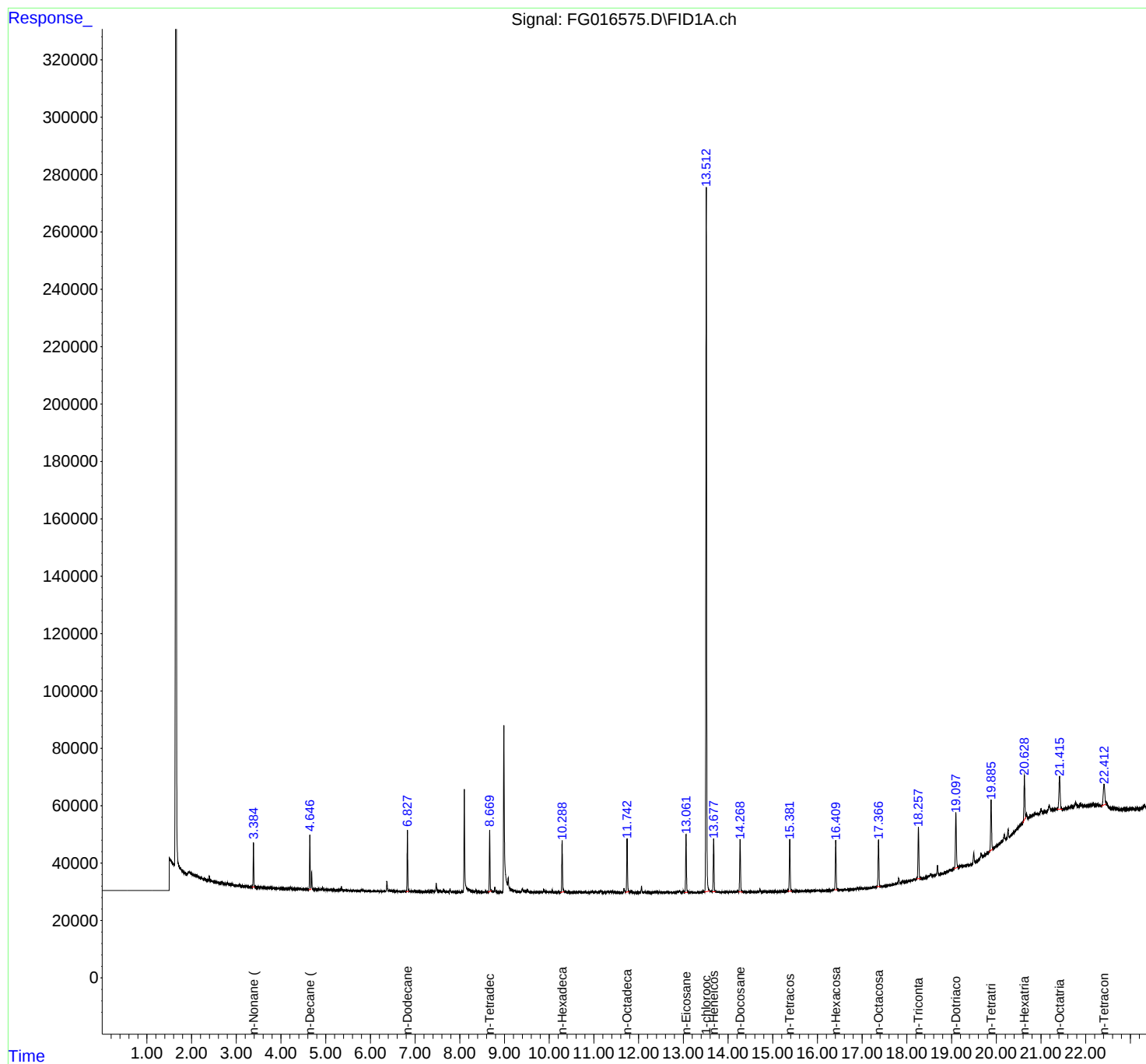
(f)=RT Delta > 1/2 Window

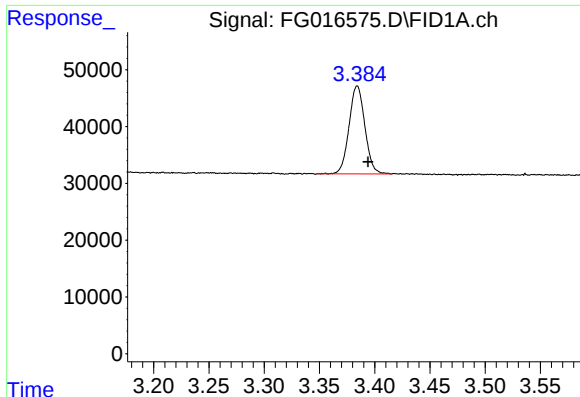
(m)=manual int.

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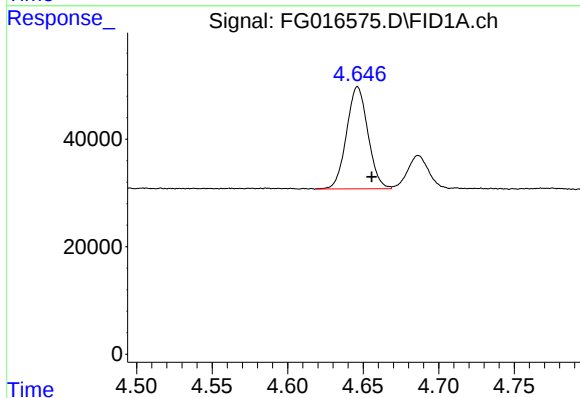
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Signal Info : 20M x 0.18mm x 0.18um





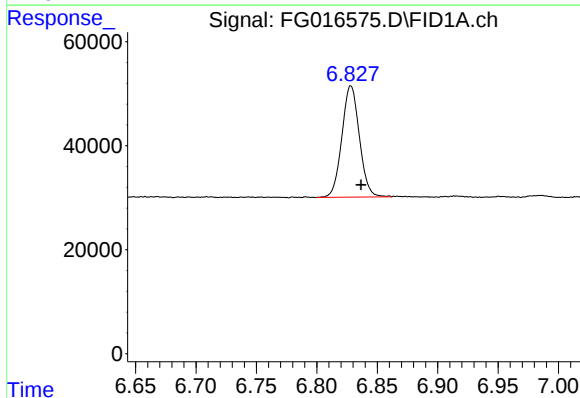
#1 n-Nonane (C9)

R.T.: 3.384 min
Delta R.T.: -0.010 min
Response: 154185
Conc: 1.36 ug/ml



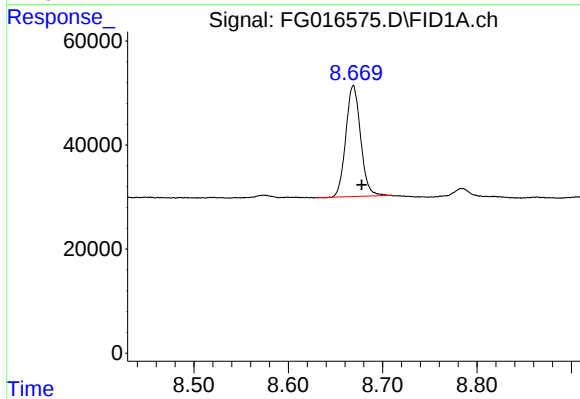
#2 n-Decane (C10)

R.T.: 4.646 min
Delta R.T.: -0.009 min
Response: 187177
Conc: 1.63 ug/ml



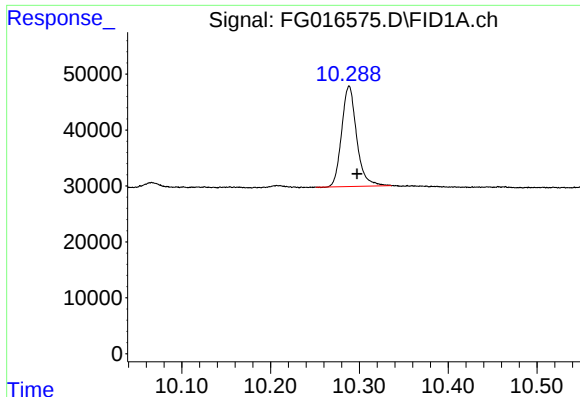
#4 n-Dodecane (C12)

R.T.: 6.828 min
Delta R.T.: -0.008 min
Response: 216088
Conc: 1.86 ug/ml



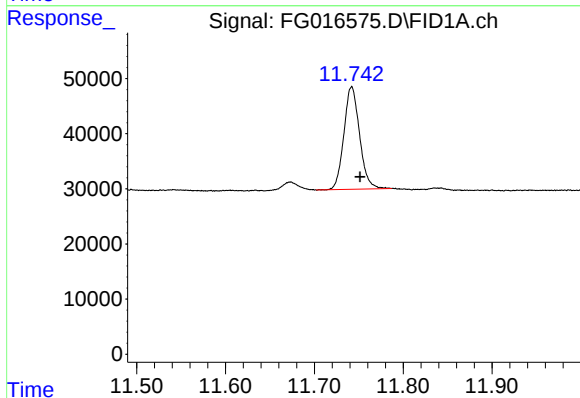
#6 n-Tetradecane (C14)

R.T.: 8.669 min
Delta R.T.: -0.009 min
Response: 232275
Conc: 2.01 ug/ml



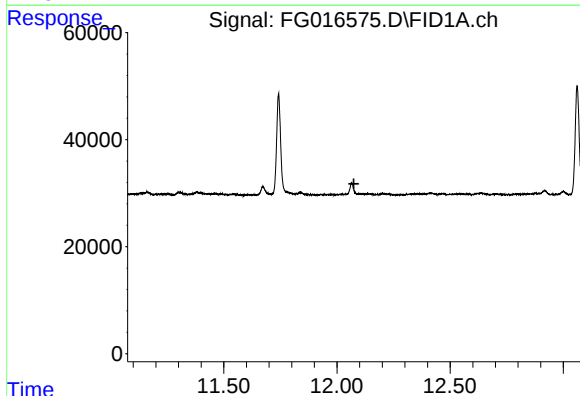
#7 n-Hexadecane (C16)

R.T.: 10.289 min
Delta R.T.: -0.009 min
Response: 210597
Conc: 1.76 ug/ml



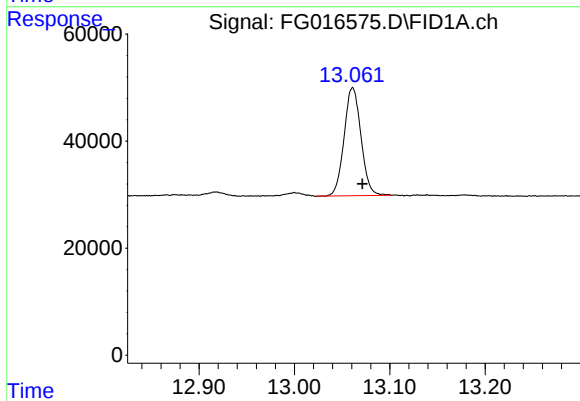
#8 n-Octadecane (C18)

R.T.: 11.742 min
Delta R.T.: -0.009 min
Response: 228287
Conc: 1.89 ug/ml



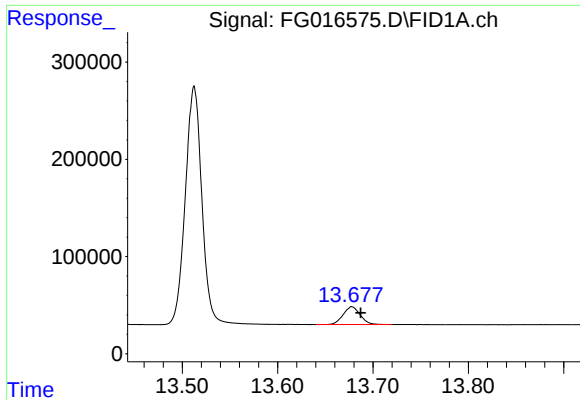
#9 ortho-Terphenyl (SURR)

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



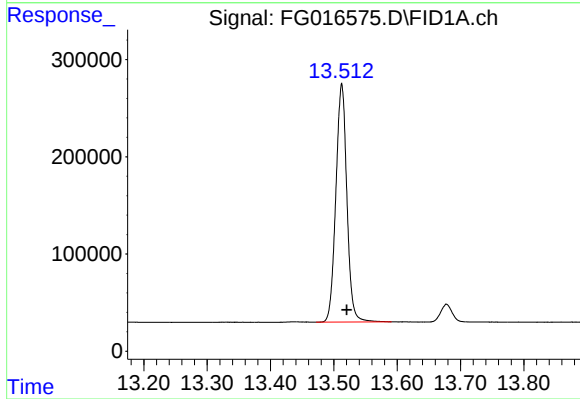
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: -0.010 min
Response: 249519
Conc: 2.14 ug/ml



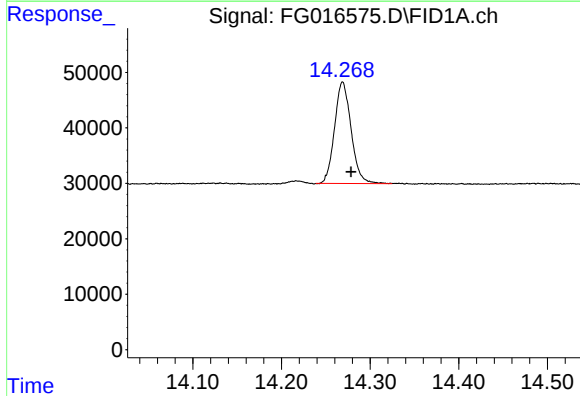
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: -0.009 min
Response: 228469
Conc: 1.99 ug/ml



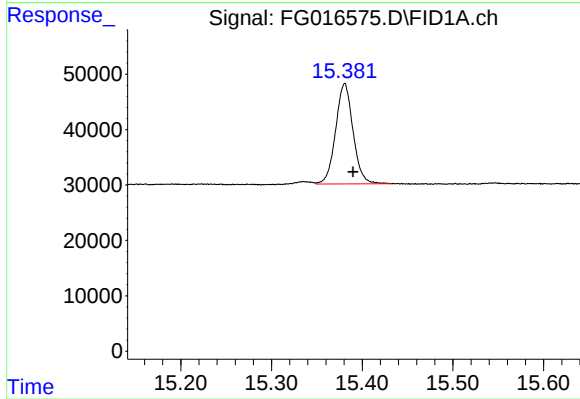
#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: -0.008 min
Response: 2959652
Conc: 29.40 ug/ml



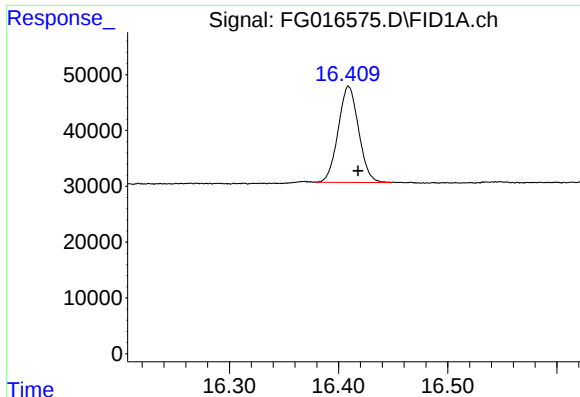
#13 n-Docosane (C22)

R.T.: 14.268 min
Delta R.T.: -0.010 min
Response: 238222
Conc: 2.08 ug/ml m



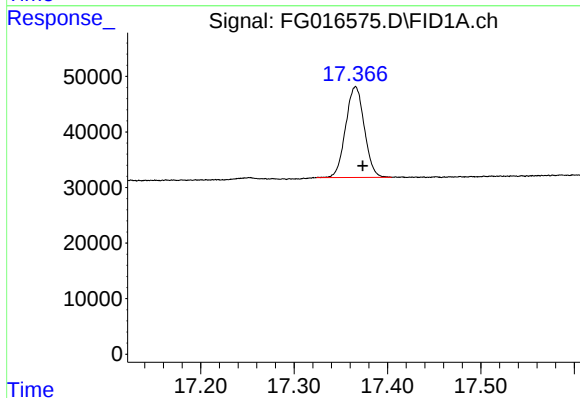
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: -0.009 min
Response: 241506
Conc: 2.12 ug/ml m



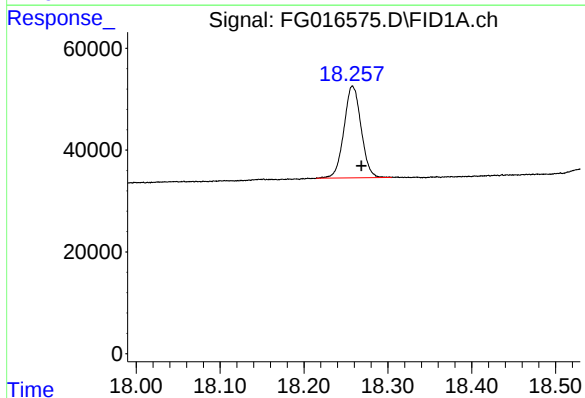
#15 n-Hexacosane (C26)

R.T.: 16.409 min
Delta R.T.: -0.009 min
Response: 224169
Conc: 2.02 ug/ml



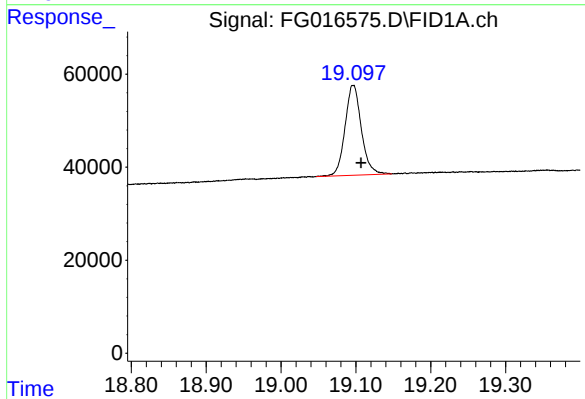
#16 n-Octacosane (C28)

R.T.: 17.366 min
Delta R.T.: -0.008 min
Response: 226595
Conc: 2.10 ug/ml



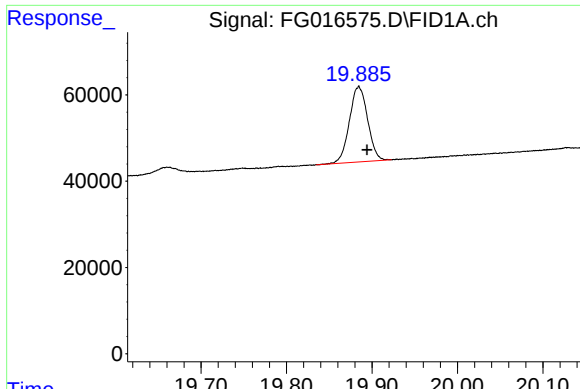
#17 n-Tricontane (C30)

R.T.: 18.258 min
Delta R.T.: -0.011 min
Response: 255869
Conc: 2.34 ug/ml



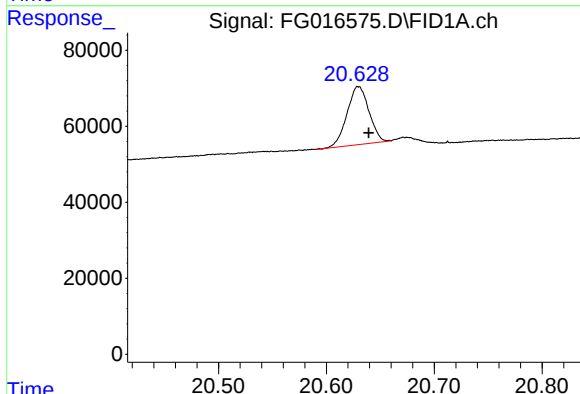
#18 n-Dotriacontane (C32)

R.T.: 19.096 min
Delta R.T.: -0.011 min
Response: 292458
Conc: 2.78 ug/ml



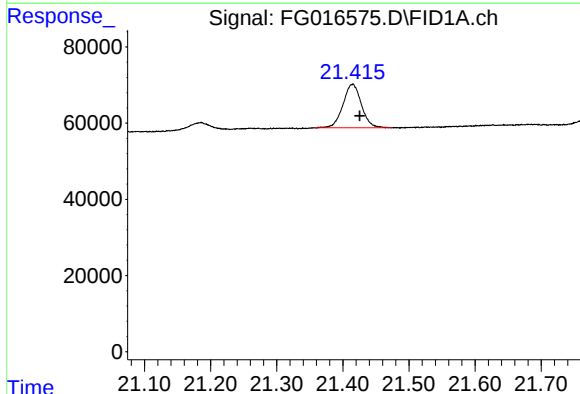
#19 n-Tetratriacontane (C34)

R.T.: 19.884 min
Delta R.T.: -0.010 min
Response: 257996
Conc: 2.69 ug/ml



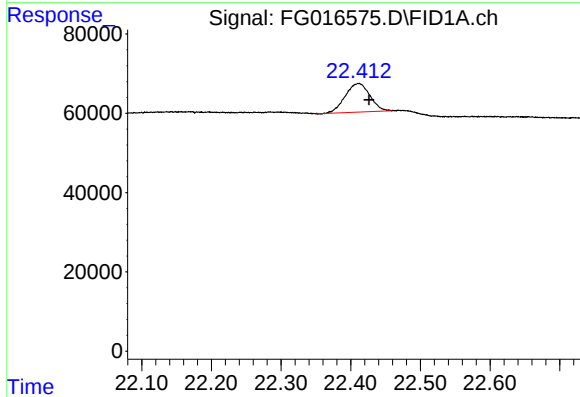
#20 n-Hexatriacontane (C36)

R.T.: 20.630 min
Delta R.T.: -0.010 min
Response: 215936
Conc: 2.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.415 min
Delta R.T.: -0.011 min
Response: 220299
Conc: 2.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.412 min
Delta R.T.: -0.015 min
Response: 177300
Conc: 2.39 ug/ml