

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090925AL\
 Data File : FG016578.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2025 13:33
 Operator : YP\AJ
 Sample : Q2893-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 46 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 10 02:31:50 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...	13.512	3040751	30.208 ug/ml
Spiked Amount 50.000		Recovery =	60.42%
Target Compounds			
1) T n-Nonane (C9)	3.386	158322	1.399 ug/ml
2) T n-Decane (C10)	4.646	191727	1.666 ug/ml
4) T n-Dodecane (C12)	6.828	220057	1.897 ug/ml
6) T n-Tetradecane (C14)	8.668	239213	2.073 ug/ml
7) T n-Hexadecane (C16)	10.288	217196	1.820 ug/ml
8) T n-Octadecane (C18)	11.742	234640	1.942 ug/ml
10) T n-Eicosane (C20)	13.061	253394	2.172 ug/ml
11) T n-Heneicosane (C21)	13.678	234402	2.039 ug/ml
13) T n-Docosane (C22)	14.268	244342	2.139 ug/ml
14) T n-Tetracosane (C24)	15.380	249348	2.192 ug/mlm
15) T n-Hexacosane (C26)	16.408	236869	2.133 ug/mlm
16) T n-Octacosane (C28)	17.365	242348	2.242 ug/ml
17) T n-Tricontane (C30)	18.257	297842	2.727 ug/ml
18) T n-Dotriacontane (C32)	19.095	338554	3.220 ug/ml
19) T n-Tetratriacontane (C34)	19.884	316414	3.295 ug/ml
20) T n-Hexatriacontane (C36)	20.628	281955	3.372 ug/ml
21) T n-Octatriacontane (C38)	21.413	239650	3.112 ug/ml
22) T n-Tetracontane (C40)	22.408	227562	3.063 ug/ml

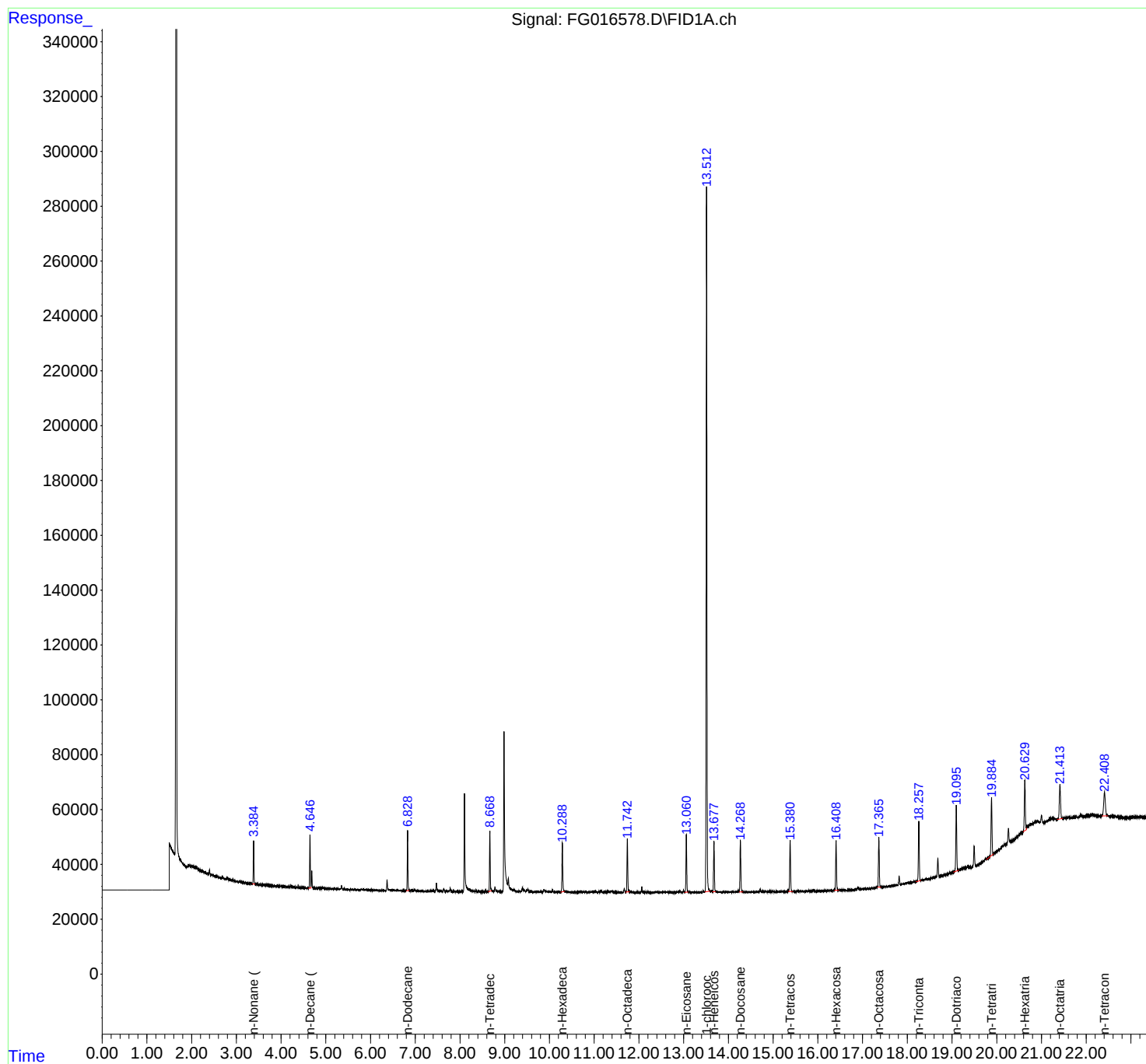
(f)=RT Delta > 1/2 Window

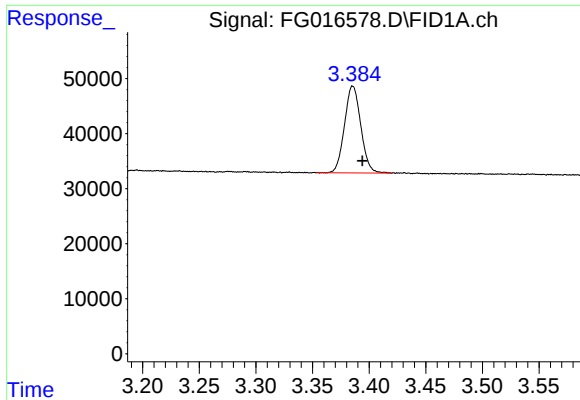
(m)=manual int.

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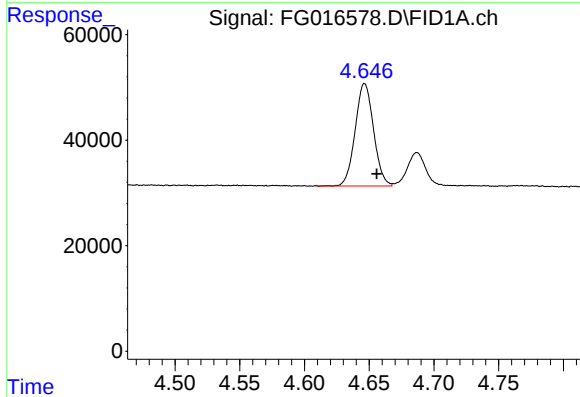
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





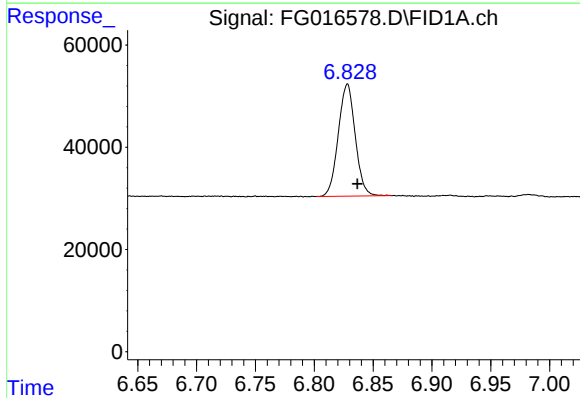
#1 n-Nonane (C9)

R.T.: 3.386 min
Delta R.T.: -0.008 min
Response: 158322
Conc: 1.40 ug/ml



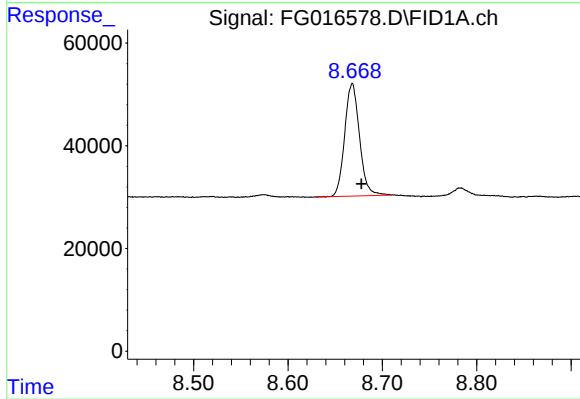
#2 n-Decane (C10)

R.T.: 4.646 min
Delta R.T.: -0.009 min
Response: 191727
Conc: 1.67 ug/ml



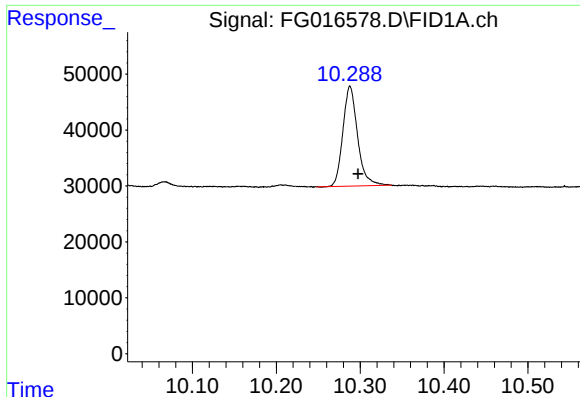
#4 n-Dodecane (C12)

R.T.: 6.828 min
Delta R.T.: -0.008 min
Response: 220057
Conc: 1.90 ug/ml



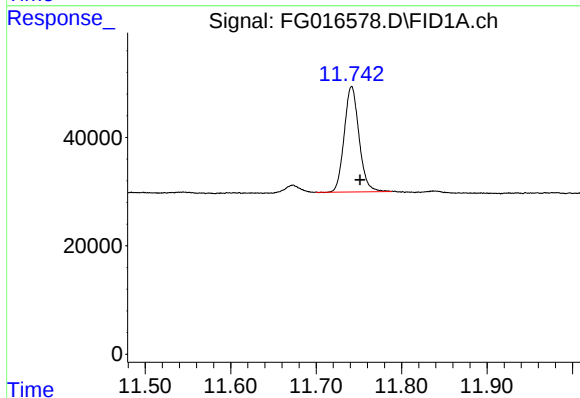
#6 n-Tetradecane (C14)

R.T.: 8.668 min
Delta R.T.: -0.010 min
Response: 239213
Conc: 2.07 ug/ml



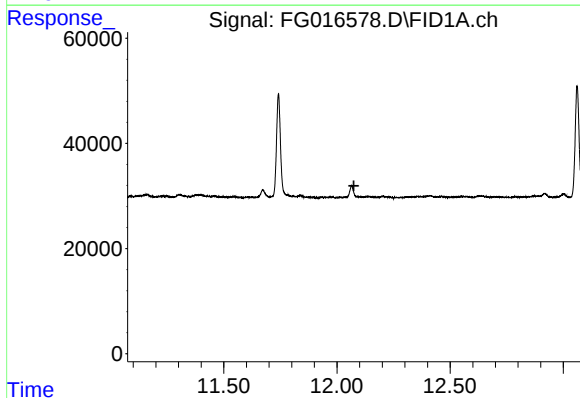
#7 n-Hexadecane (C16)

R.T.: 10.288 min
Delta R.T.: -0.009 min
Response: 217196
Conc: 1.82 ug/ml



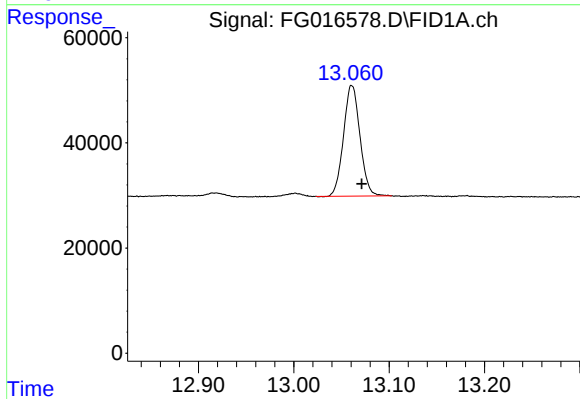
#8 n-Octadecane (C18)

R.T.: 11.742 min
Delta R.T.: -0.010 min
Response: 234640
Conc: 1.94 ug/ml



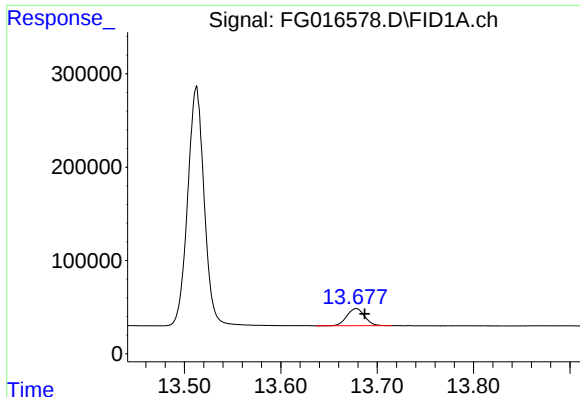
#9 ortho-Terphenyl (SURR)

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



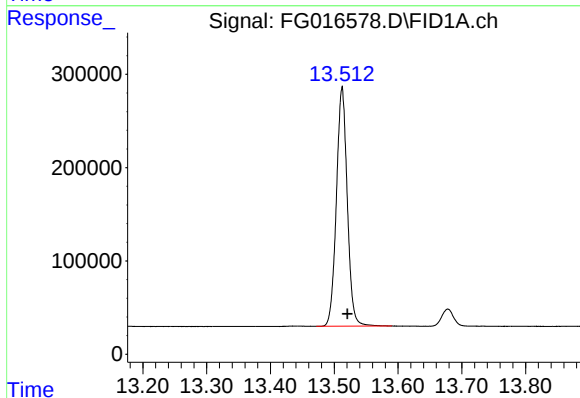
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: -0.010 min
Response: 253394
Conc: 2.17 ug/ml



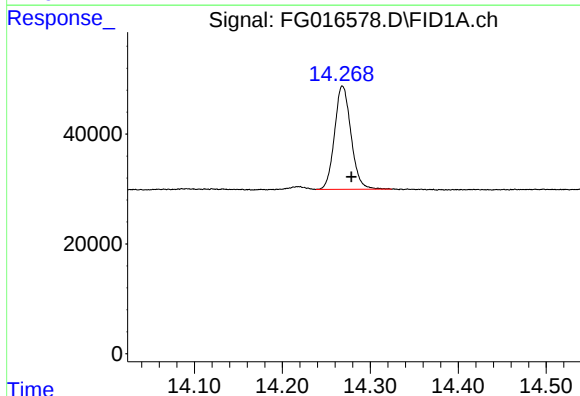
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: -0.009 min
Response: 234402
Conc: 2.04 ug/ml



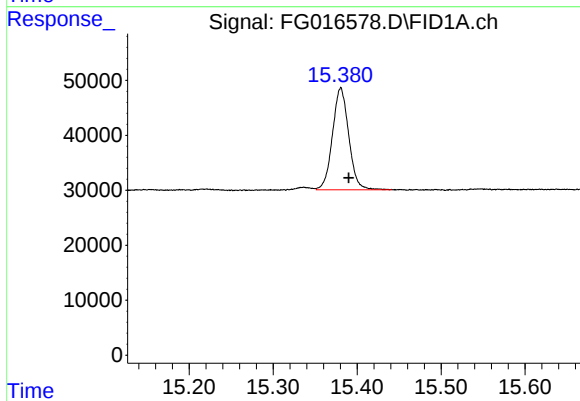
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: -0.008 min
Response: 3040751
Conc: 30.21 ug/ml



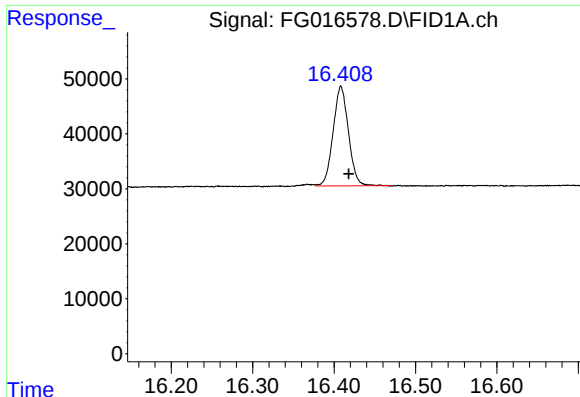
#13 n-Docosane (C22)

R.T.: 14.268 min
Delta R.T.: -0.010 min
Response: 244342
Conc: 2.14 ug/ml



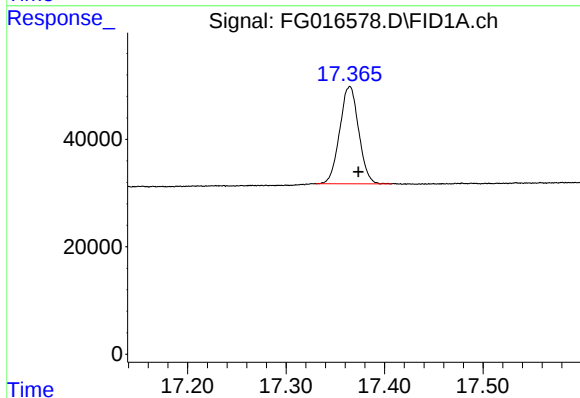
#14 n-Tetracosane (C24)

R.T.: 15.380 min
Delta R.T.: -0.009 min
Response: 249348
Conc: 2.19 ug/ml m



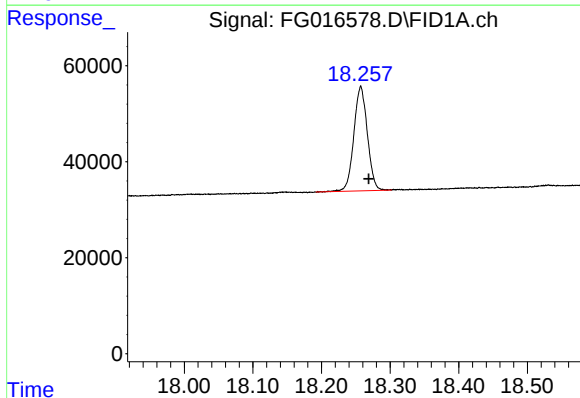
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: -0.010 min
Response: 236869
Conc: 2.13 ug/ml m



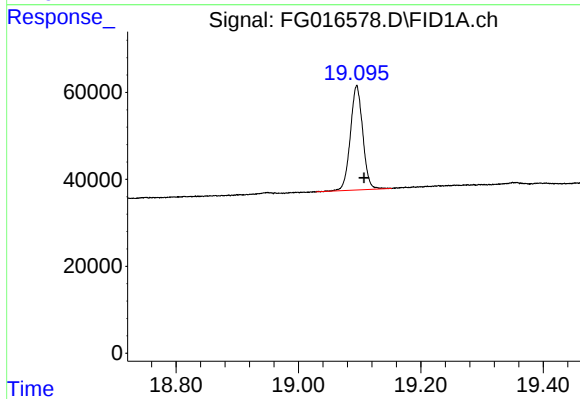
#16 n-Octacosane (C28)

R.T.: 17.365 min
Delta R.T.: -0.009 min
Response: 242348
Conc: 2.24 ug/ml



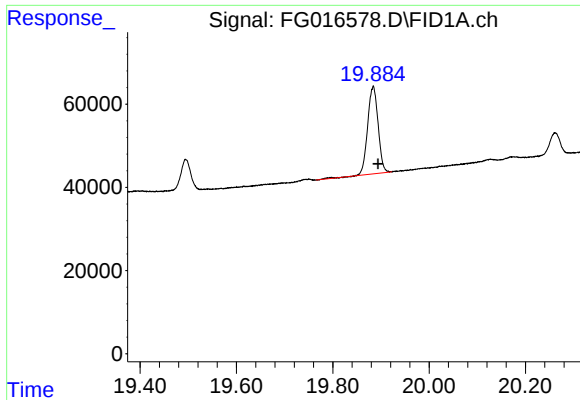
#17 n-Tricontane (C30)

R.T.: 18.257 min
Delta R.T.: -0.011 min
Response: 297842
Conc: 2.73 ug/ml



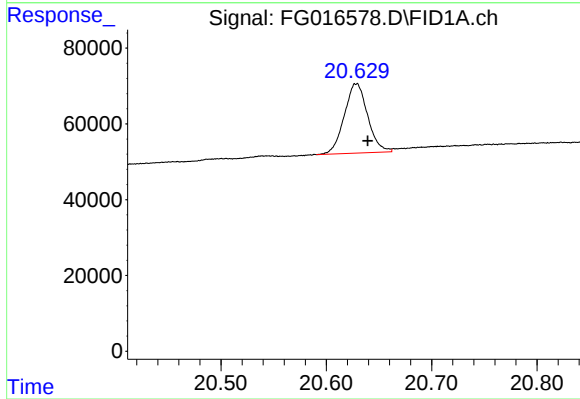
#18 n-Dotriacontane (C32)

R.T.: 19.095 min
Delta R.T.: -0.012 min
Response: 338554
Conc: 3.22 ug/ml



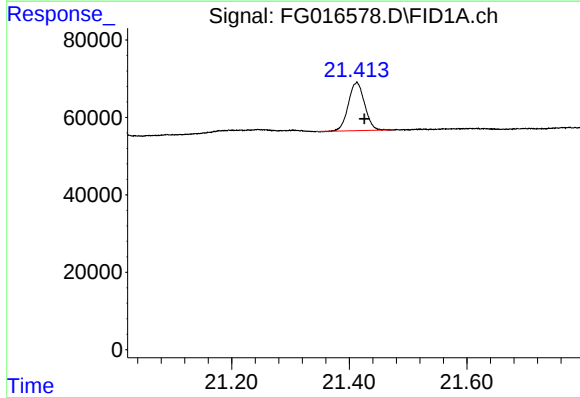
#19 n-Tetratriacontane (C34)

R.T.: 19.884 min
Delta R.T.: -0.010 min
Response: 316414
Conc: 3.29 ug/ml



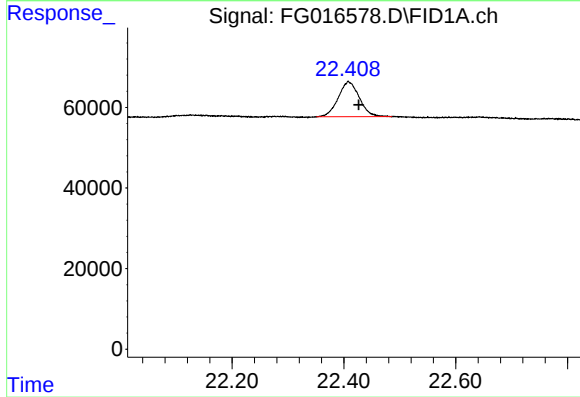
#20 n-Hexatriacontane (C36)

R.T.: 20.628 min
Delta R.T.: -0.011 min
Response: 281955
Conc: 3.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.413 min
Delta R.T.: -0.012 min
Response: 239650
Conc: 3.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.408 min
Delta R.T.: -0.019 min
Response: 227562
Conc: 3.06 ug/ml