

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080224AL\
 Data File : FG014036.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2024 12:33
 Operator : YP\AJ
 Sample : P3390-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 03 00:57:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 04:02:26 2024
 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...	13.288	3036336	30.045 ug/ml
Spiked Amount 50.000		Recovery =	60.09%
Target Compounds			
1) T n-Nonane (C9)	3.217	163348	1.253 ug/ml
2) T n-Decane (C10)	4.467	199154	1.500 ug/ml
4) T n-Dodecane (C12)	6.639	306878	2.315 ug/ml
6) T n-Tetradecane (C14)	8.472	293500	2.262 ug/ml
7) T n-Hexadecane (C16)	10.082	239804	1.822 ug/ml
8) T n-Octadecane (C18)	11.528	258057	1.968 ug/ml
10) T n-Eicosane (C20)	12.841	263261	2.122 ug/ml
11) T n-Heneicosane (C21)	13.455	237325	1.956 ug/ml
13) T n-Docosane (C22)	14.043	254097	2.117 ug/ml
14) T n-Tetracosane (C24)	15.149	268241	2.263 ug/ml
15) T n-Hexacosane (C26)	16.173	259072	2.228 ug/ml
16) T n-Octacosane (C28)	17.125	272286	2.390 ug/ml
17) T n-Tricontane (C30)	18.014	318566	2.749 ug/ml
18) T n-Dotriacontane (C32)	18.848	333320	2.910 ug/ml
19) T n-Tetratriacontane (C34)	19.633	313138	2.760 ug/ml
20) T n-Hexatriacontane (C36)	20.376	276137	2.466 ug/ml
21) T n-Octatriacontane (C38)	21.109	258934	2.238 ug/ml
22) T n-Tetracontane (C40)	22.008	223791	1.923 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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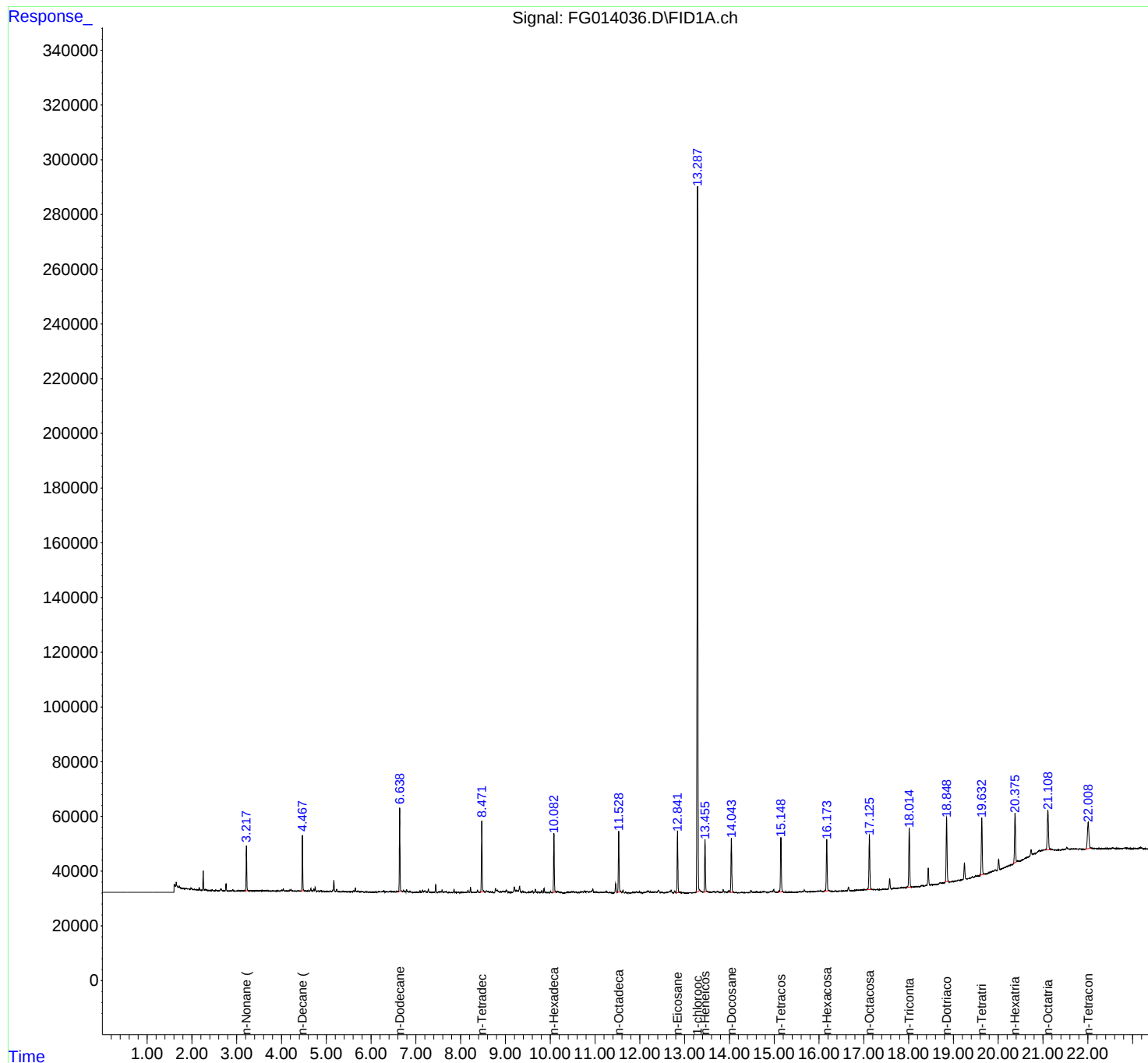
Response via : Initial Calibration

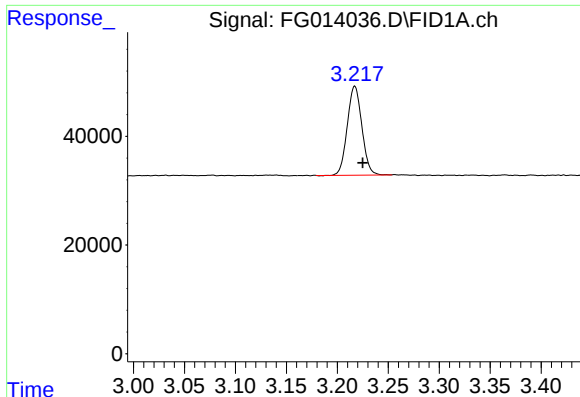
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

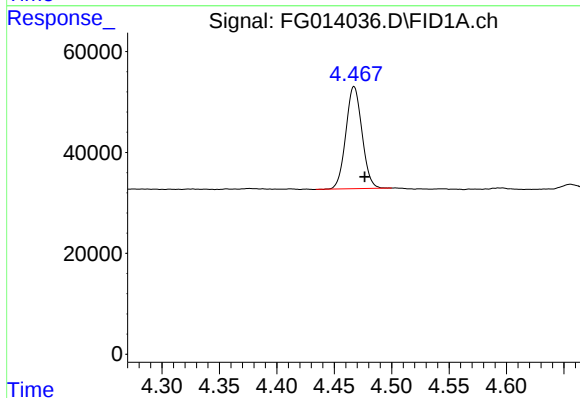




#1 n-Nonane (C9)

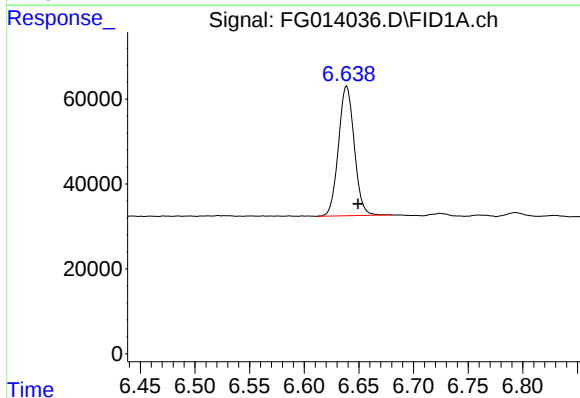
R.T.: 3.217 min
Delta R.T.: -0.008 min
Response: 163348
Conc: 1.25 ug/ml

Instrument :
FID_G
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LOD-MDL-WATER-01-QT3-2024



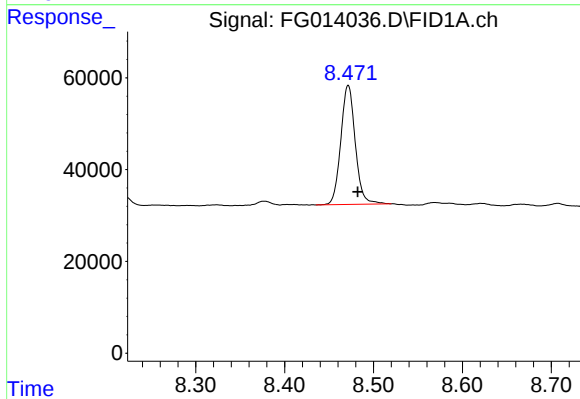
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.009 min
Response: 199154
Conc: 1.50 ug/ml



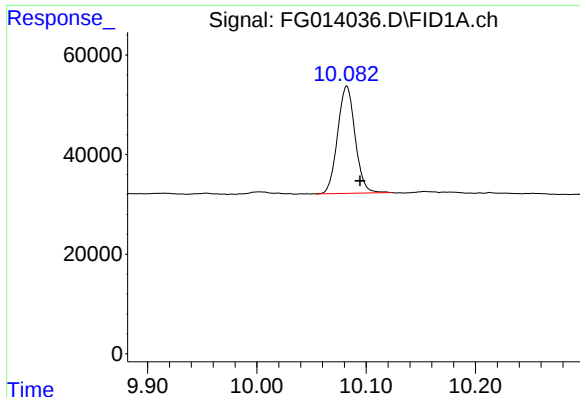
#4 n-Dodecane (C12)

R.T.: 6.639 min
Delta R.T.: -0.011 min
Response: 306878
Conc: 2.32 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.472 min
Delta R.T.: -0.011 min
Response: 293500
Conc: 2.26 ug/ml



#7 n-Hexadecane (C16)

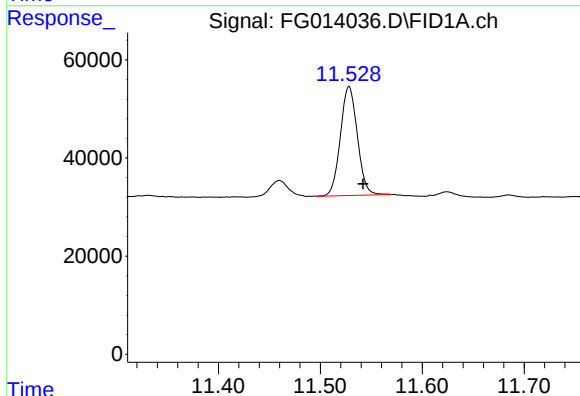
R.T.: 10.082 min
Delta R.T.: -0.012 min
Response: 239804
Conc: 1.82 ug/ml

Instrument :

FID_G

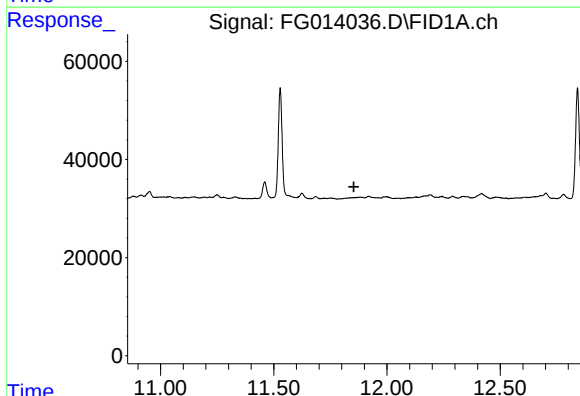
ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



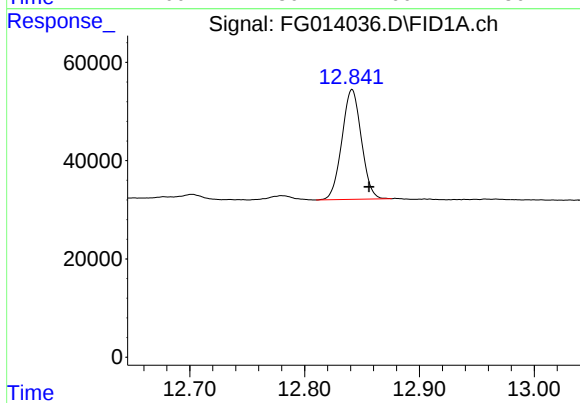
#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.014 min
Response: 258057
Conc: 1.97 ug/ml



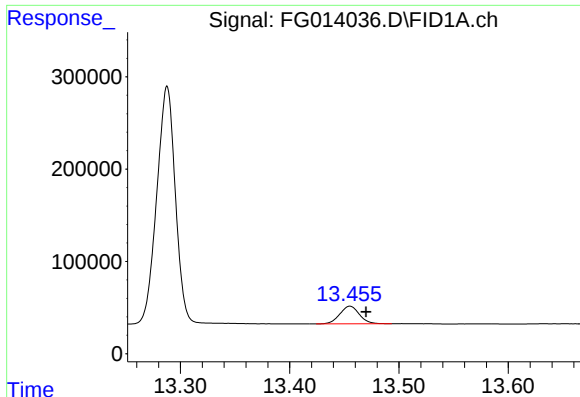
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.854 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: -0.015 min
Response: 263261
Conc: 2.12 ug/ml



#11 n-Heneicosane (C21)

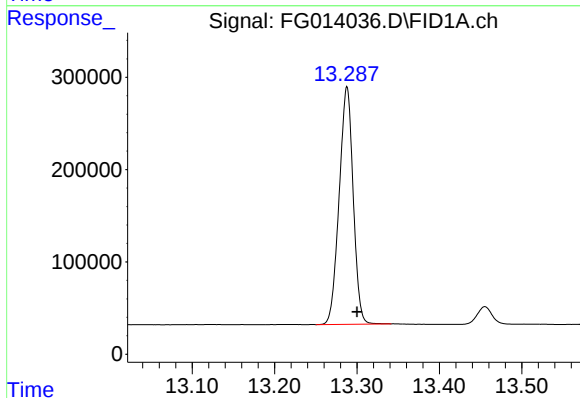
R.T.: 13.455 min
Delta R.T.: -0.015 min
Response: 237325
Conc: 1.96 ug/ml

Instrument :

FID_G

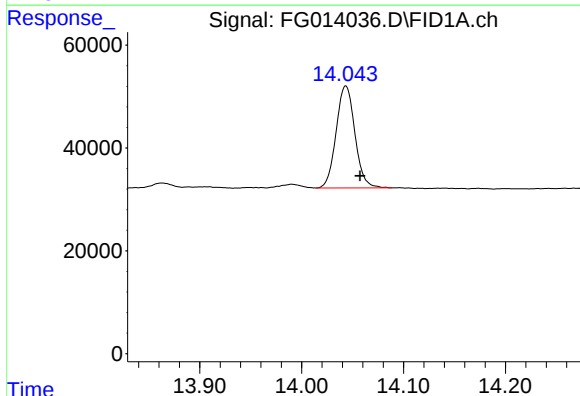
ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



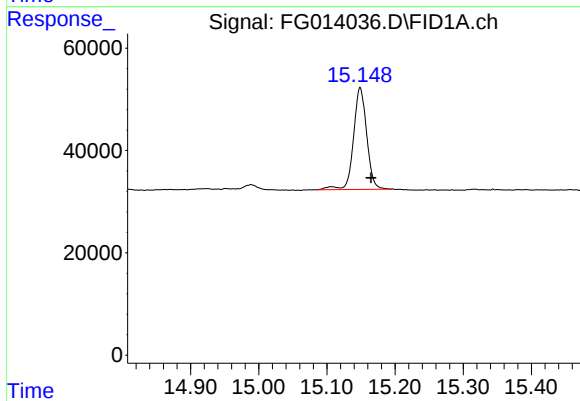
#12 1-chlorooctadecane (SURR)

R.T.: 13.288 min
Delta R.T.: -0.012 min
Response: 3036336
Conc: 30.05 ug/ml



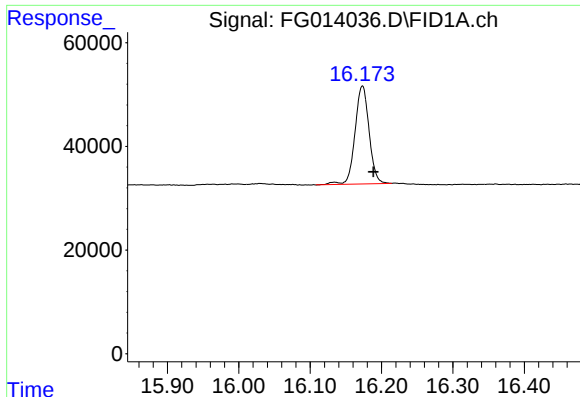
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.014 min
Response: 254097
Conc: 2.12 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.016 min
Response: 268241
Conc: 2.26 ug/ml



#15 n-Hexacosane (C26)

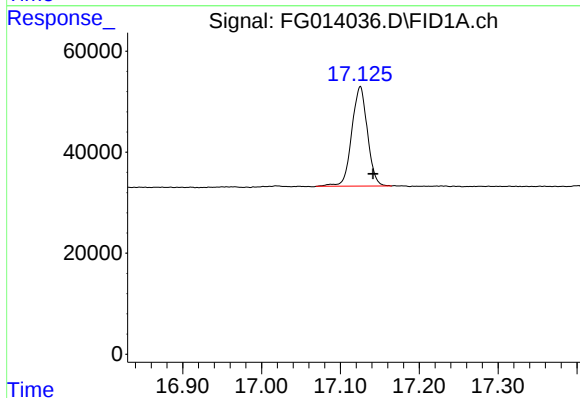
R.T.: 16.173 min
Delta R.T.: -0.015 min
Response: 259072
Conc: 2.23 ug/ml

Instrument :

FID_G

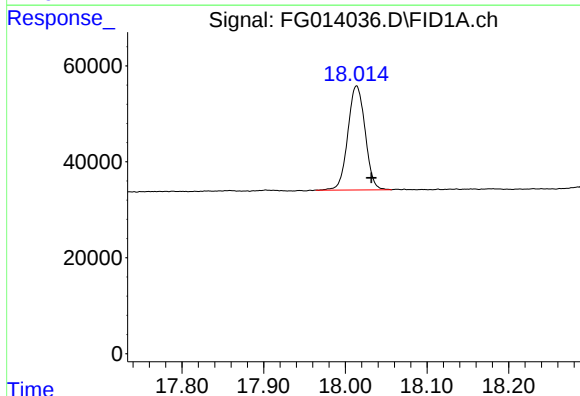
ClientSampleId :

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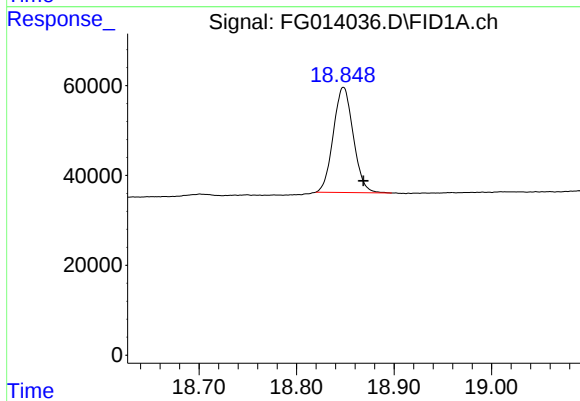
#16 n-Octacosane (C28)

R.T.: 17.125 min
Delta R.T.: -0.016 min
Response: 272286
Conc: 2.39 ug/ml



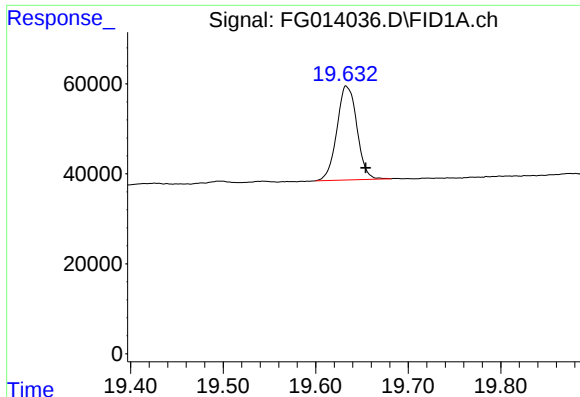
#17 n-Tricontane (C30)

R.T.: 18.014 min
Delta R.T.: -0.018 min
Response: 318566
Conc: 2.75 ug/ml



#18 n-Dotriacontane (C32)

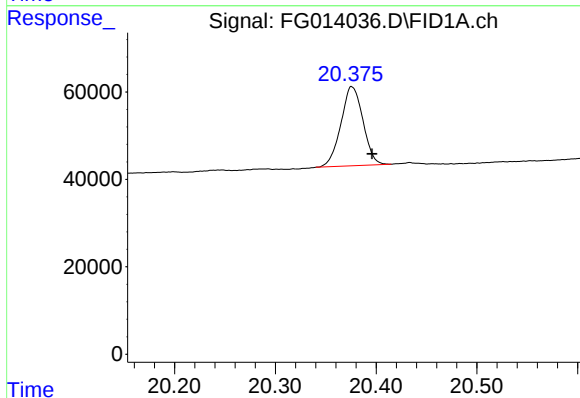
R.T.: 18.848 min
Delta R.T.: -0.020 min
Response: 333320
Conc: 2.91 ug/ml



#19 n-Tetratriacontane (C34)

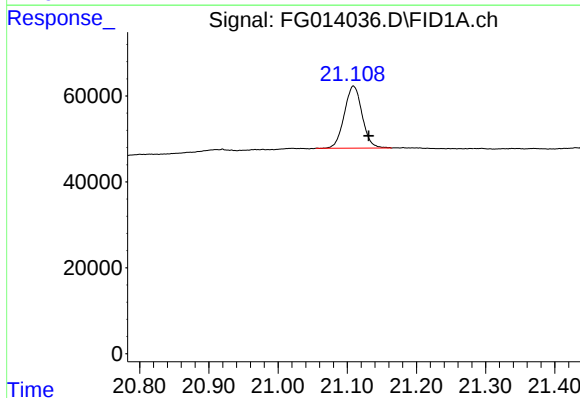
R.T.: 19.633 min
Delta R.T.: -0.021 min
Response: 313138
Conc: 2.76 ug/ml

Instrument :
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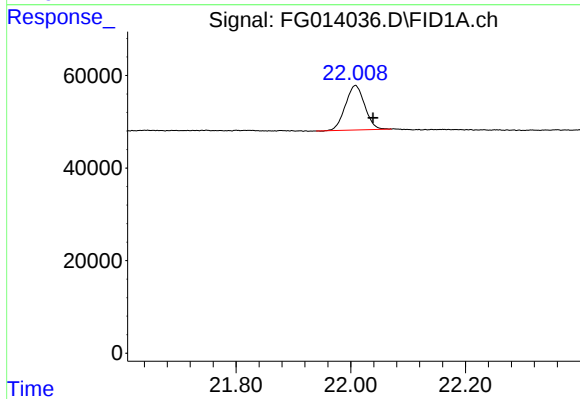
#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: -0.020 min
Response: 276137
Conc: 2.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.109 min
Delta R.T.: -0.022 min
Response: 258934
Conc: 2.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: -0.030 min
Response: 223791
Conc: 1.92 ug/ml