

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AL\
 Data File : FD045135.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2023 14:17
 Operator : YP/AJ
 Sample : 01627-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Integration File: autoint1.e
 Quant Time: Feb 24 04:08:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 05:29:49 2023
 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...	12.886	5765457	49.851 ug/ml
Spiked Amount 50.000		Recovery =	99.70%
Target Compounds			
1) T n-Nonane (C9)	3.270	311609	2.292 ug/ml
2) T n-Decane (C10)	4.325	391247	2.929 ug/ml
4) T n-Dodecane (C12)	6.329	486520	3.598 ug/ml
6) T n-Tetradecane (C14)	8.114	453129	3.337 ug/ml
7) T n-Hexadecane (C16)	9.706	490722	3.526 ug/ml
8) T n-Octadecane (C18)	11.140	548883	3.912 ug/ml
10) T n-Eicosane (C20)	12.442	503267	3.715 ug/ml
11) T n-Heneicosane (C21)	13.050	500974	3.674 ug/ml
13) T n-Docosane (C22)	13.632	518988	3.876 ug/ml
14) T n-Tetracosane (C24)	14.728	512120	3.911 ug/ml
15) T n-Hexacosane (C26)	15.742	482466	3.831 ug/ml
16) T n-Octacosane (C28)	16.686	467959	3.818 ug/ml
17) T n-Tricontane (C30)	17.567	447276	3.778 ug/ml
18) T n-Dotriacontane (C32)	18.393	440813	3.766 ug/ml
19) T n-Tetratriacontane (C34)	19.173	434445	3.779 ug/ml
20) T n-Hexatriacontane (C36)	19.905	404204	3.680 ug/ml
21) T n-Octatriacontane (C38)	20.611	388484	3.604 ug/ml
22) T n-Tetracontane (C40)	21.449	364897	3.404 ug/ml

(f)=RT Delta > 1/2 Window

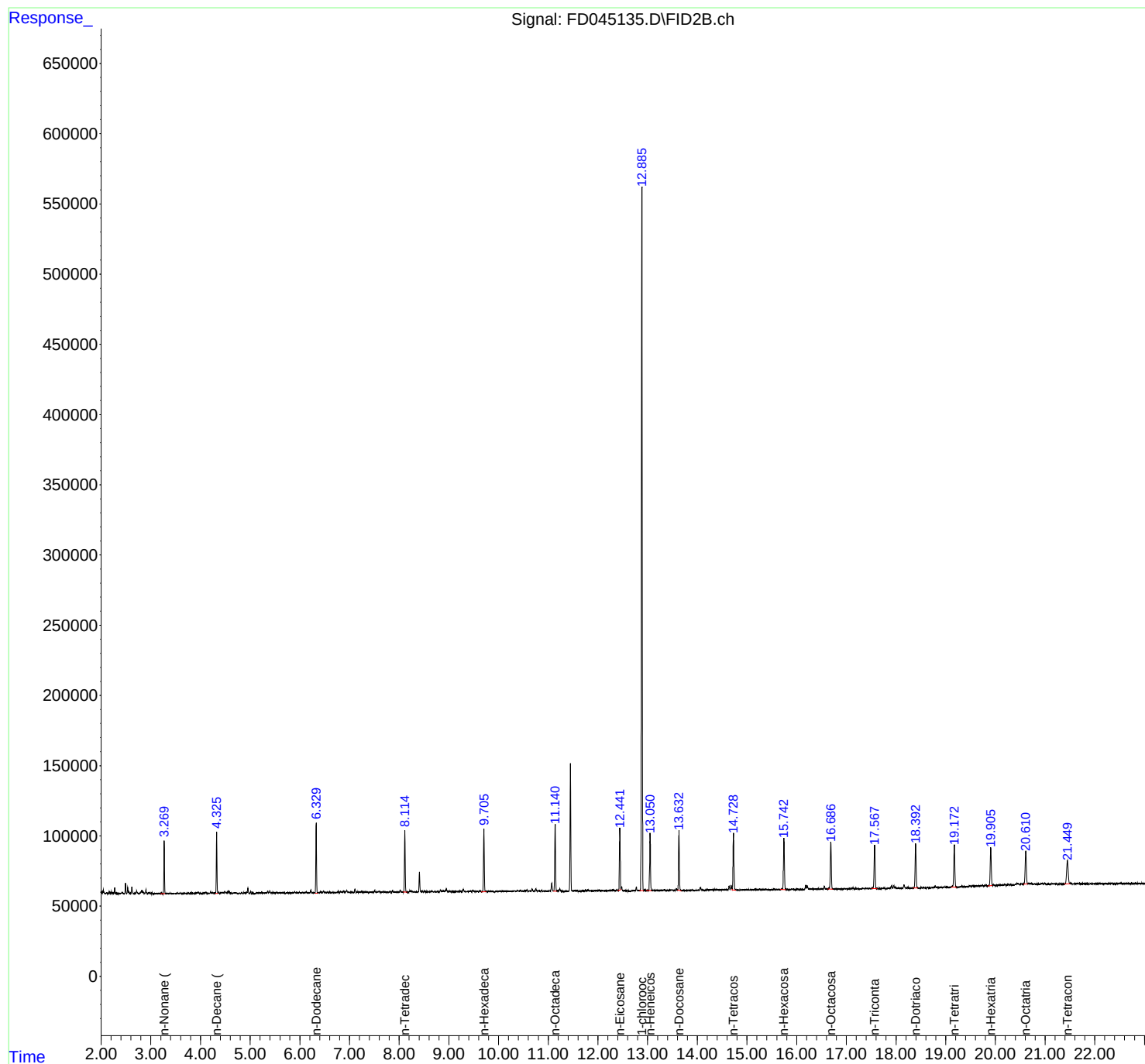
(m)=manual int.

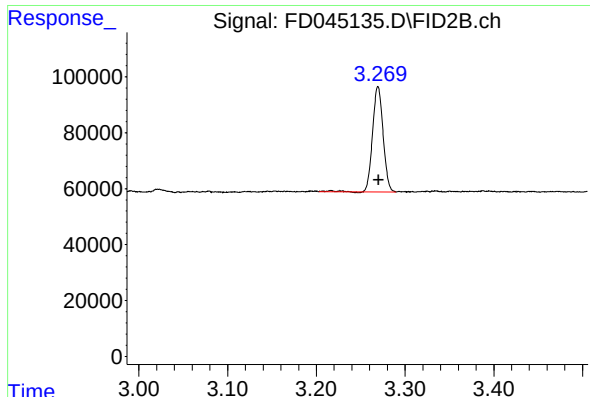
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#1 n-Nonane (C9)

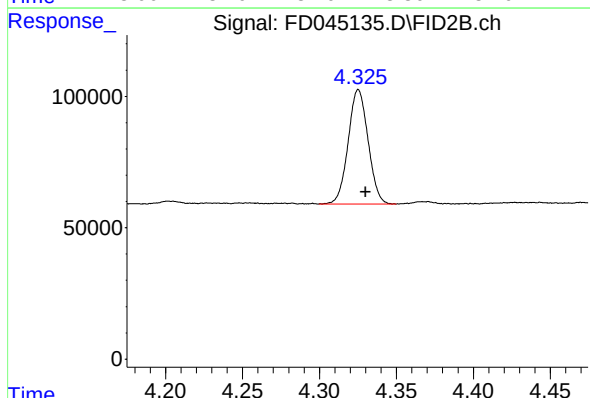
R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 311609
Conc: 2.29 ug/ml

Instrument :

FID_D

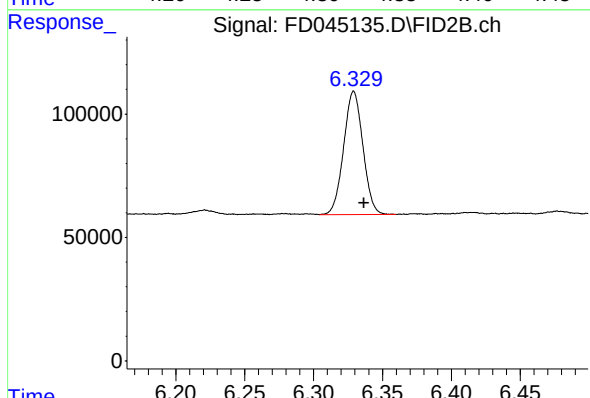
ClientSampleId :

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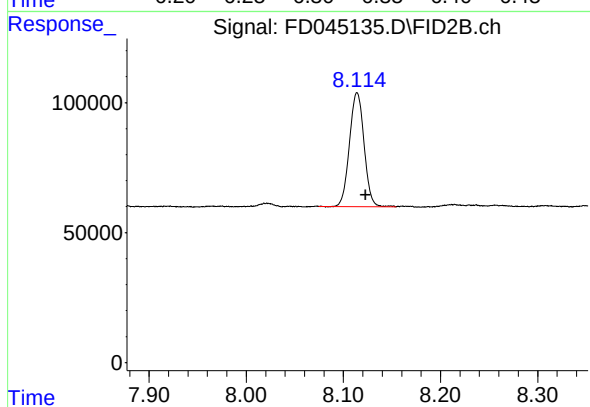
#2 n-Decane (C10)

R.T.: 4.325 min
Delta R.T.: -0.005 min
Response: 391247
Conc: 2.93 ug/ml



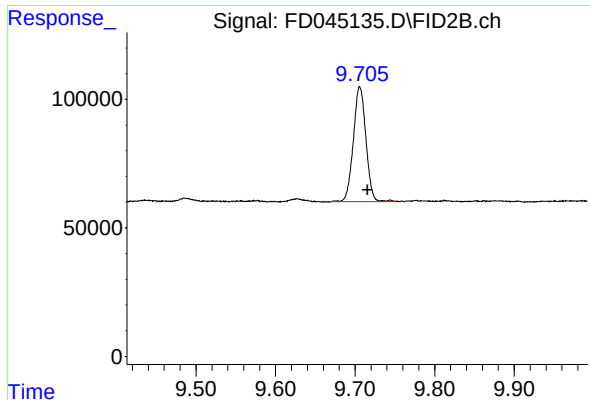
#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: -0.007 min
Response: 486520
Conc: 3.60 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.114 min
Delta R.T.: -0.009 min
Response: 453129
Conc: 3.34 ug/ml



#7 n-Hexadecane (C16)

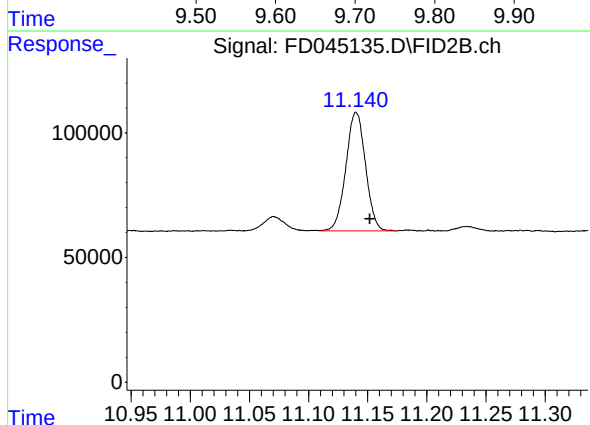
R.T.: 9.706 min
Delta R.T.: -0.010 min
Response: 490722
Conc: 3.53 ug/ml

Instrument :

FID_D

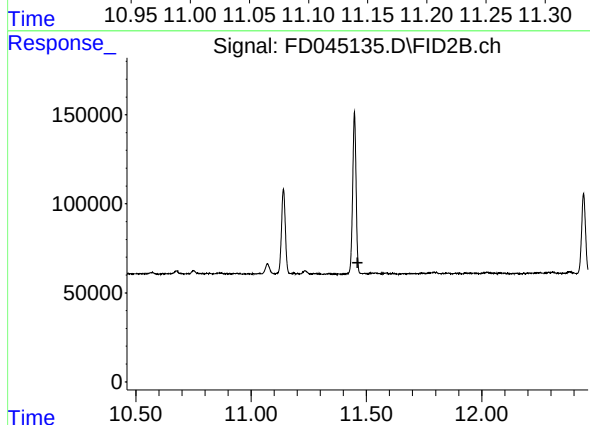
ClientSampleId :

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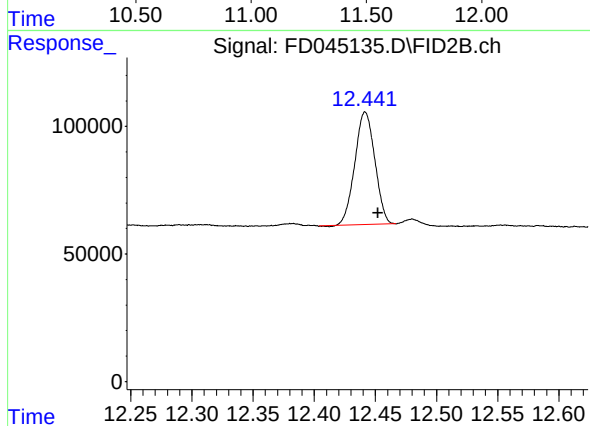
#8 n-Octadecane (C18)

R.T.: 11.140 min
Delta R.T.: -0.012 min
Response: 548883
Conc: 3.91 ug/ml



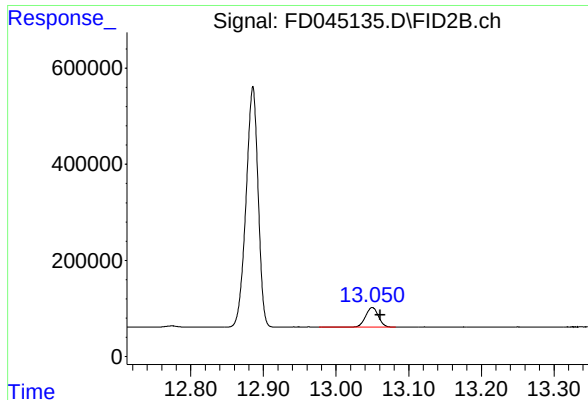
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.461 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.442 min
Delta R.T.: -0.010 min
Response: 503267
Conc: 3.71 ug/ml



#11 n-Heneicosane (C21)

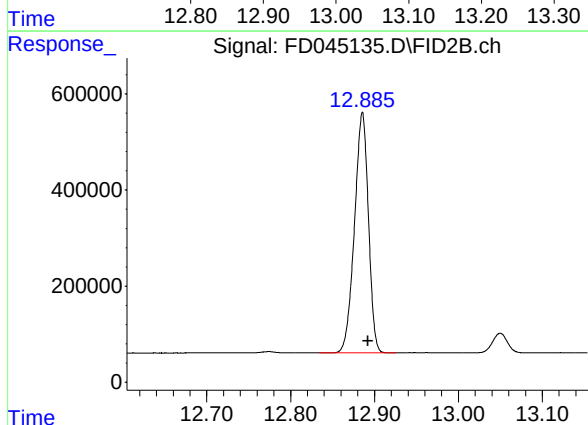
R.T.: 13.050 min
Delta R.T.: -0.011 min
Response: 500974
Conc: 3.67 ug/ml

Instrument :

FID_D

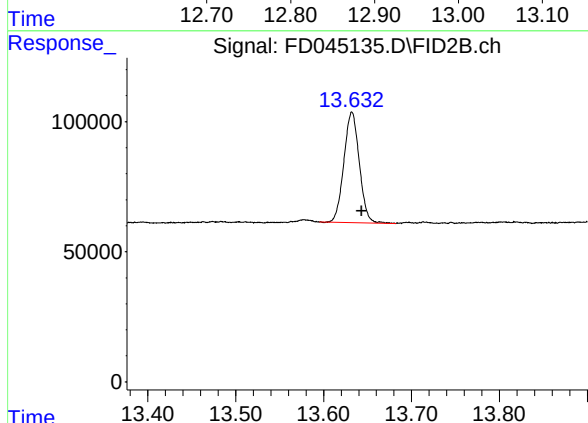
ClientSampleId :

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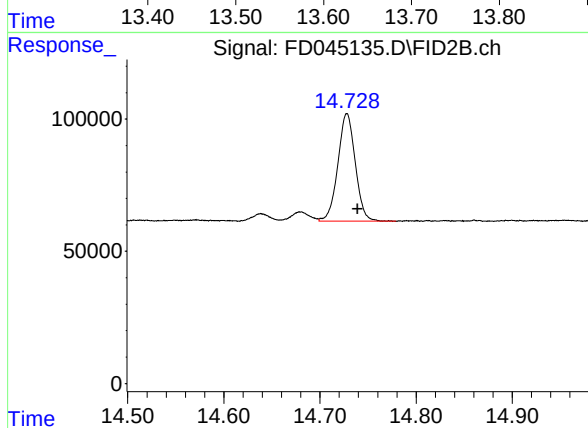
#12 1-chlorooctadecane (SURR)

R.T.: 12.886 min
Delta R.T.: -0.007 min
Response: 5765457
Conc: 49.85 ug/ml



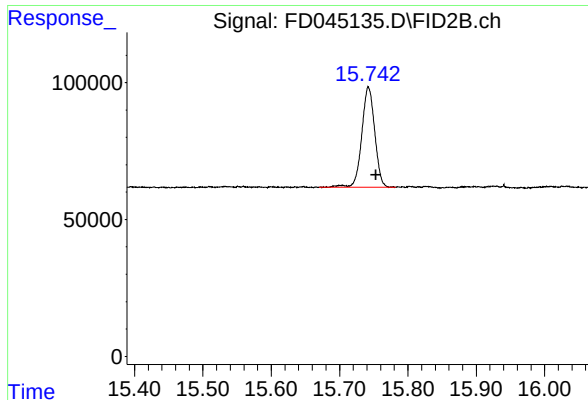
#13 n-Docosane (C22)

R.T.: 13.632 min
Delta R.T.: -0.011 min
Response: 518988
Conc: 3.88 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.728 min
Delta R.T.: -0.011 min
Response: 512120
Conc: 3.91 ug/ml



#15 n-Hexacosane (C26)

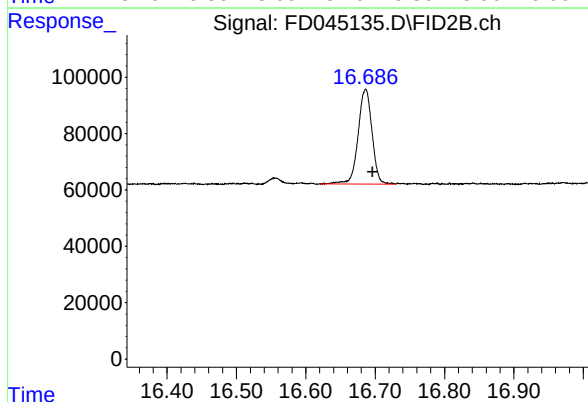
R.T.: 15.742 min
Delta R.T.: -0.011 min
Response: 482466
Conc: 3.83 ug/ml

Instrument :

FID_D

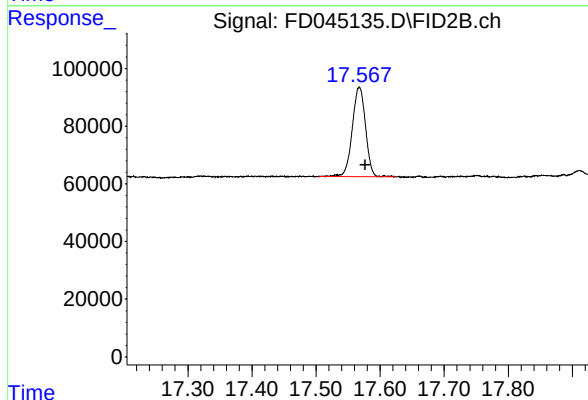
ClientSampleId :

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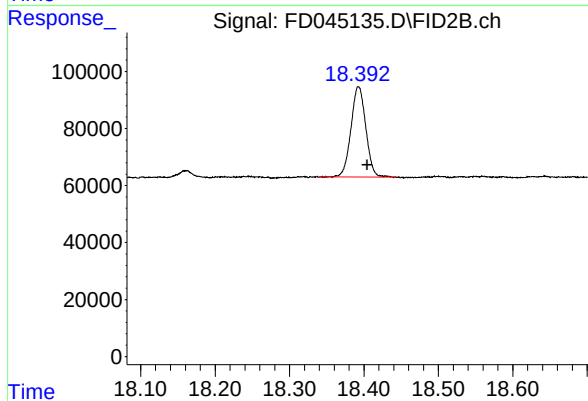
#16 n-Octacosane (C28)

R.T.: 16.686 min
Delta R.T.: -0.010 min
Response: 467959
Conc: 3.82 ug/ml



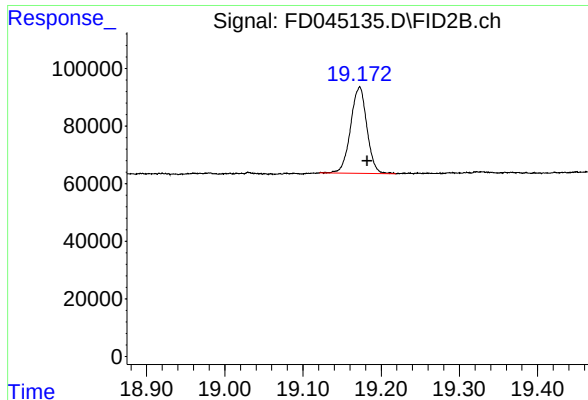
#17 n-Tricontane (C30)

R.T.: 17.567 min
Delta R.T.: -0.009 min
Response: 447276
Conc: 3.78 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.393 min
Delta R.T.: -0.012 min
Response: 440813
Conc: 3.77 ug/ml



#19 n-Tetratriacontane (C34)

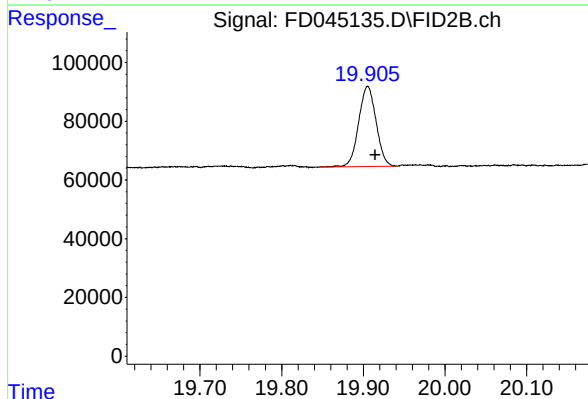
R.T.: 19.173 min
Delta R.T.: -0.010 min
Response: 434445
Conc: 3.78 ug/ml

Instrument :

FID_D

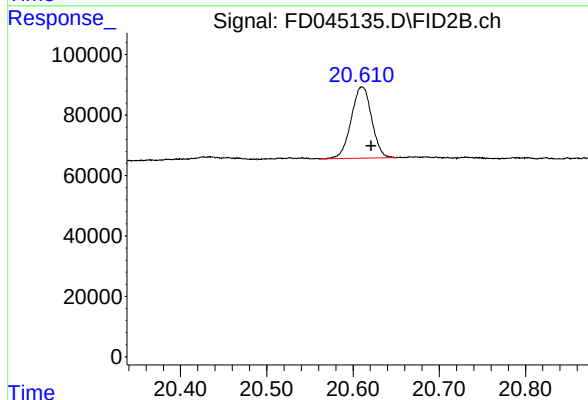
ClientSampleId :

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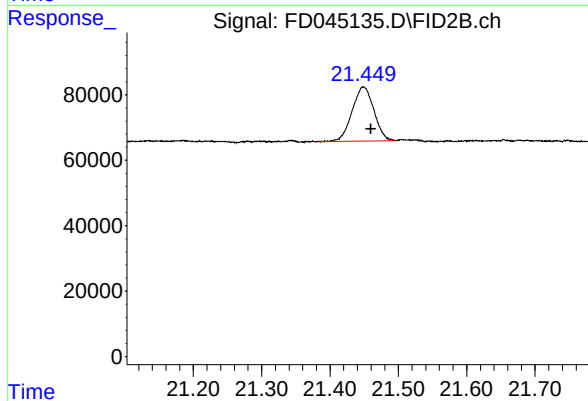
#20 n-Hexatriacontane (C36)

R.T.: 19.905 min
Delta R.T.: -0.009 min
Response: 404204
Conc: 3.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.611 min
Delta R.T.: -0.010 min
Response: 388484
Conc: 3.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.449 min
Delta R.T.: -0.011 min
Response: 364897
Conc: 3.40 ug/ml