

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080923AL\
 Data File : FD046316.D
 Signal(s) : FID2B.ch
 Acq On : 09 Aug 2023 16:01
 Operator : YP/AJ
 Sample : 03572-07
 Misc : LOD 2.5 PPM
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 10 00:00:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 14:31:50 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...	12.829	6732152	55.949 ug/ml
Spiked Amount 50.000		Recovery =	111.90%
Target Compounds			
1) T n-Nonane (C9)	3.222	360505	2.287 ug/ml
2) T n-Decane (C10)	4.277	352397	2.194 ug/ml
4) T n-Dodecane (C12)	6.278	358027	2.215 ug/ml
6) T n-Tetradecane (C14)	8.062	371887	2.338 ug/ml
7) T n-Hexadecane (C16)	9.653	363826	2.236 ug/ml
8) T n-Octadecane (C18)	11.085	400459	2.483 ug/ml
10) T n-Eicosane (C20)	12.386	395807	2.652 ug/ml
11) T n-Heneicosane (C21)	12.993	404282	2.801 ug/ml
13) T n-Docosane (C22)	13.575	404233	2.893 ug/ml
14) T n-Tetracosane (C24)	14.670	410974	2.985 ug/ml
15) T n-Hexacosane (C26)	15.683	411209	3.217 ug/ml
16) T n-Octacosane (C28)	16.626	425134	3.491 ug/ml
17) T n-Tricontane (C30)	17.506	440502	3.559 ug/ml
18) T n-Dotriacontane (C32)	18.331	454013	3.718 ug/ml
19) T n-Tetratriacontane (C34)	19.107	396016	3.095 ug/ml
20) T n-Hexatriacontane (C36)	19.841	355950	3.108 ug/ml
21) T n-Octatriacontane (C38)	20.542	314796	2.796 ug/ml
22) T n-Tetracontane (C40)	21.357	289079	2.695 ug/ml

(f)=RT Delta > 1/2 Window

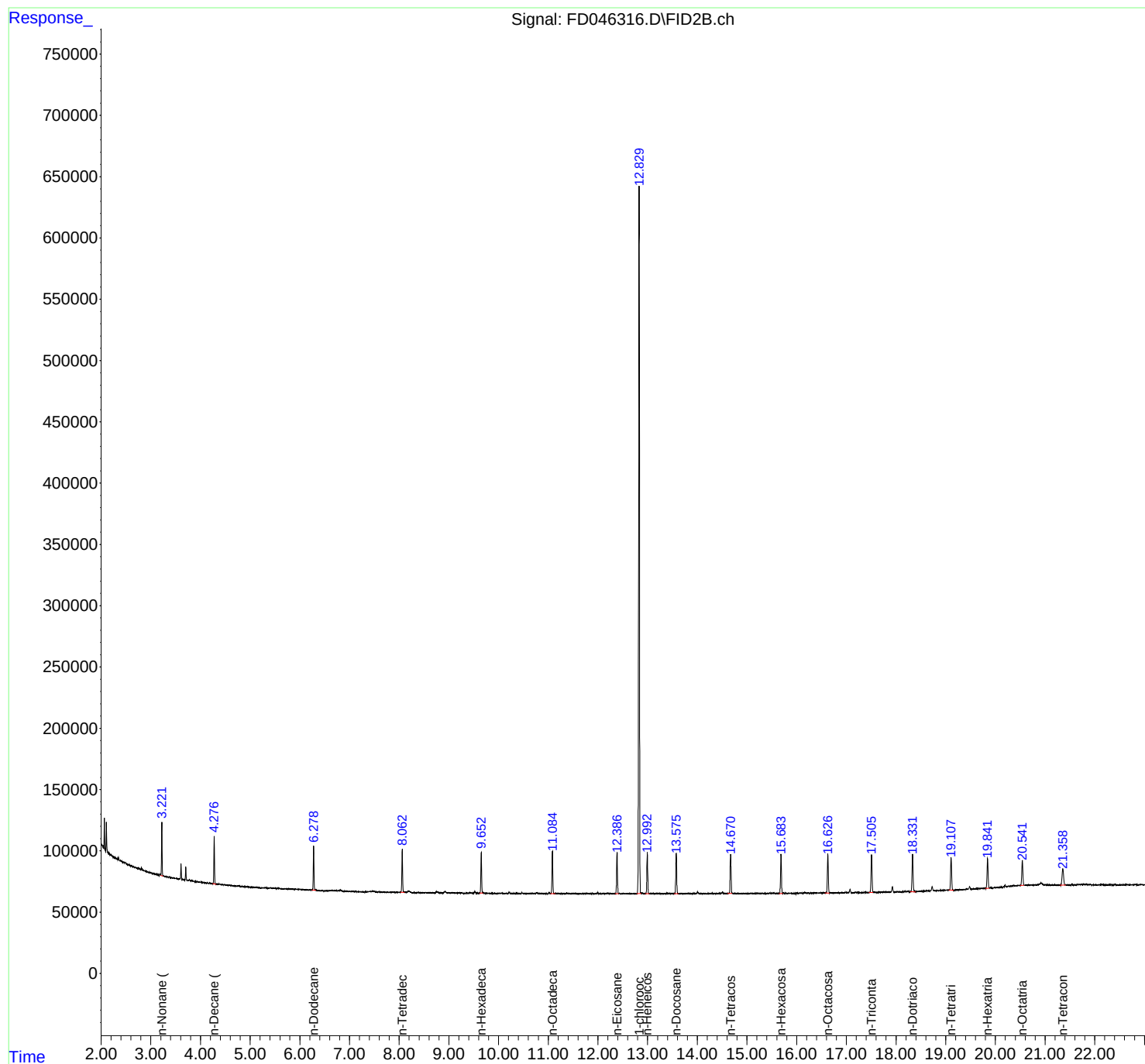
(m)=manual int.

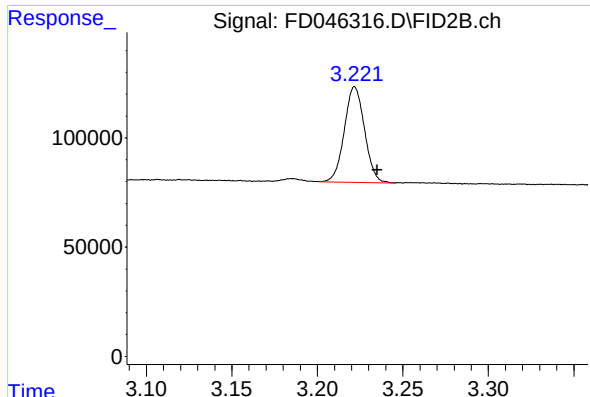
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#1 n-Nonane (C9)

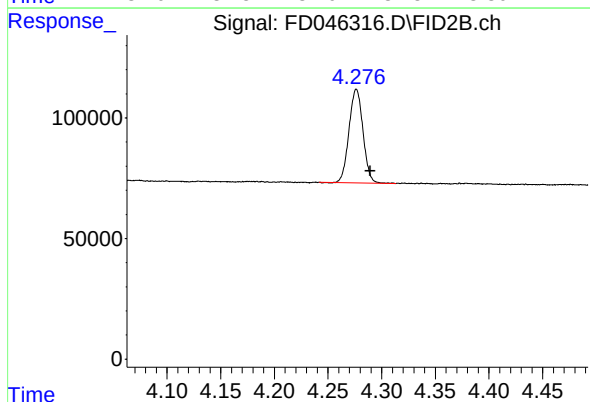
R.T.: 3.222 min
Delta R.T.: -0.013 min
Response: 360505
Conc: 2.29 ug/ml

Instrument :

FID_D

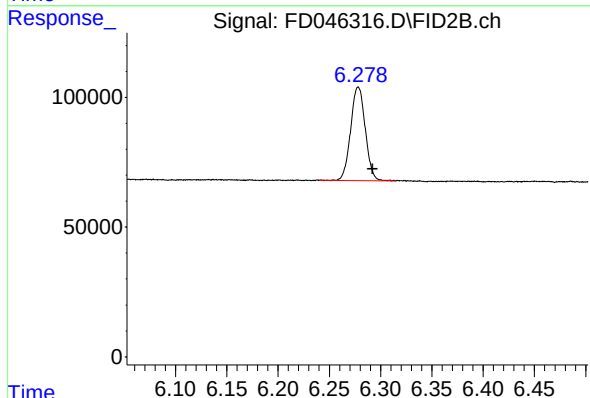
ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



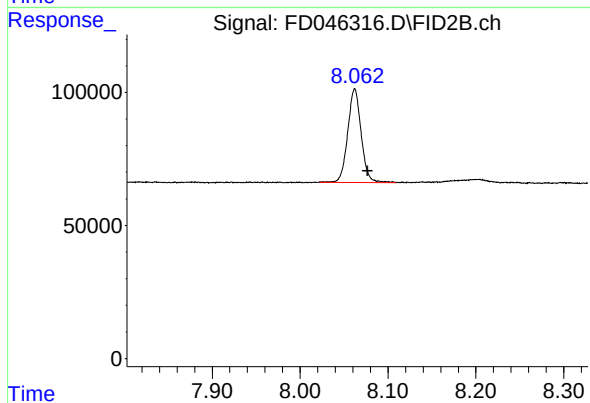
#2 n-Decane (C10)

R.T.: 4.277 min
Delta R.T.: -0.013 min
Response: 352397
Conc: 2.19 ug/ml



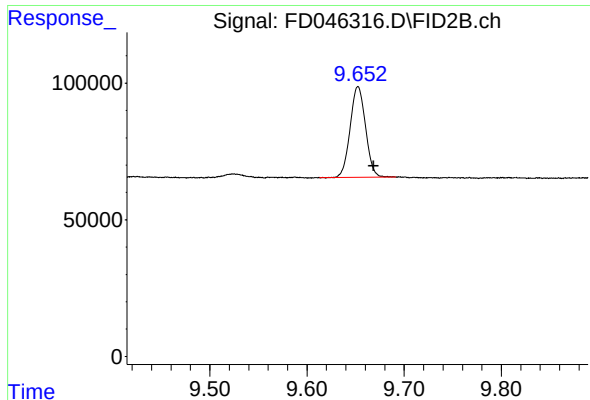
#4 n-Dodecane (C12)

R.T.: 6.278 min
Delta R.T.: -0.014 min
Response: 358027
Conc: 2.22 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.062 min
Delta R.T.: -0.015 min
Response: 371887
Conc: 2.34 ug/ml



#7 n-Hexadecane (C16)

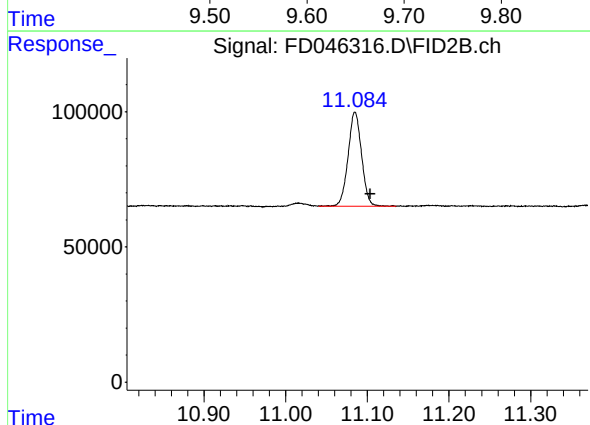
R.T.: 9.653 min
Delta R.T.: -0.016 min
Response: 363826
Conc: 2.24 ug/ml

Instrument :

FID_D

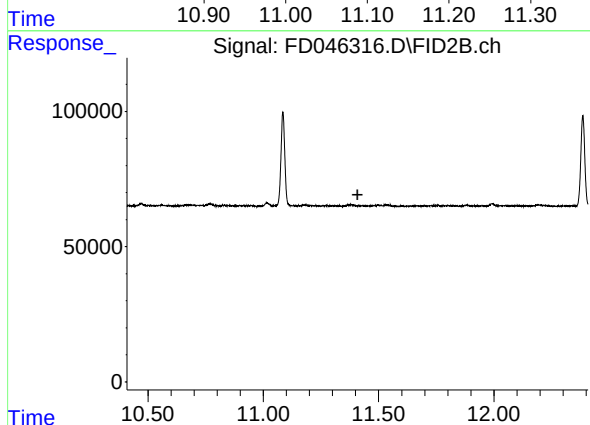
ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



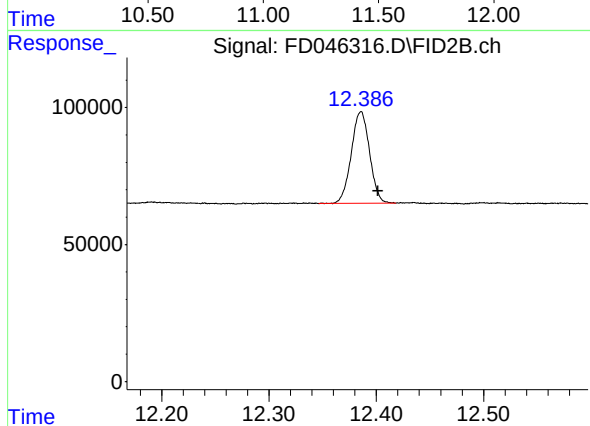
#8 n-Octadecane (C18)

R.T.: 11.085 min
Delta R.T.: -0.019 min
Response: 400459
Conc: 2.48 ug/ml



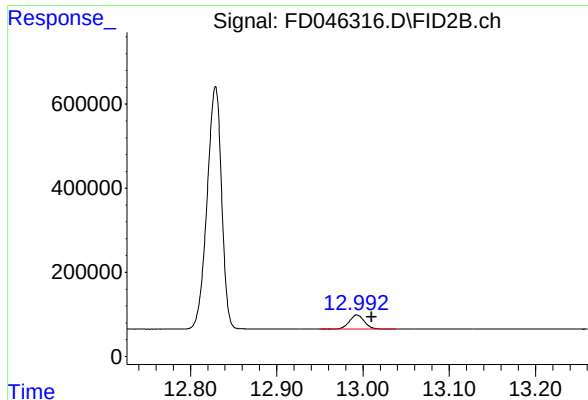
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.409 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.386 min
Delta R.T.: -0.016 min
Response: 395807
Conc: 2.65 ug/ml



#11 n-Heneicosane (C21)

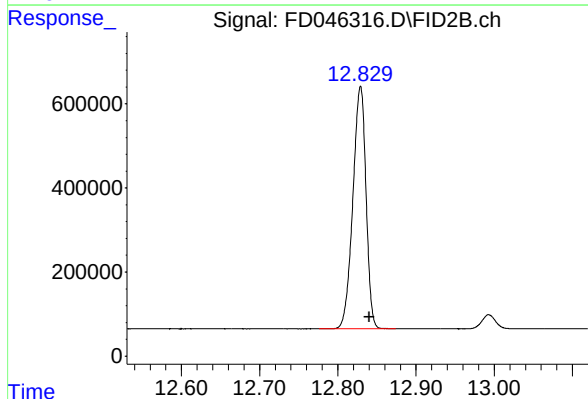
R.T.: 12.993 min
Delta R.T.: -0.017 min
Response: 404282
Conc: 2.80 ug/ml

Instrument :

FID_D

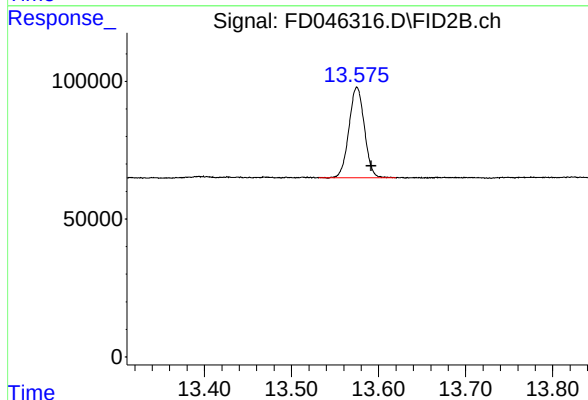
ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



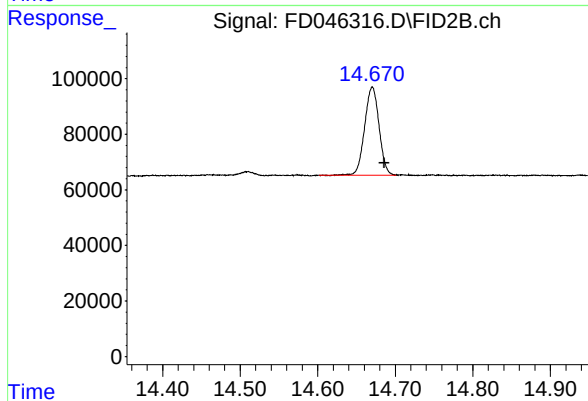
#12 1-chlorooctadecane (SURR)

R.T.: 12.829 min
Delta R.T.: -0.011 min
Response: 6732152
Conc: 55.95 ug/ml



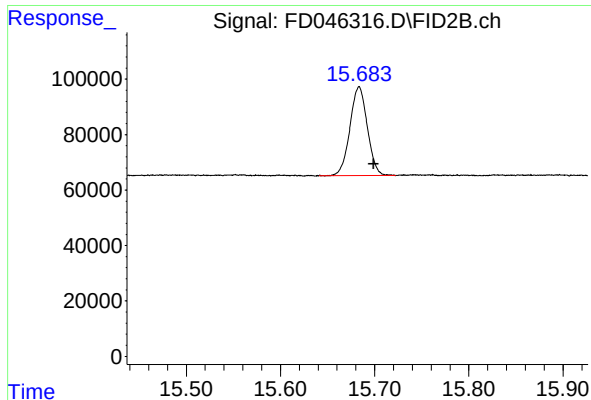
#13 n-Docosane (C22)

R.T.: 13.575 min
Delta R.T.: -0.017 min
Response: 404233
Conc: 2.89 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.670 min
Delta R.T.: -0.015 min
Response: 410974
Conc: 2.98 ug/ml



#15 n-Hexacosane (C26)

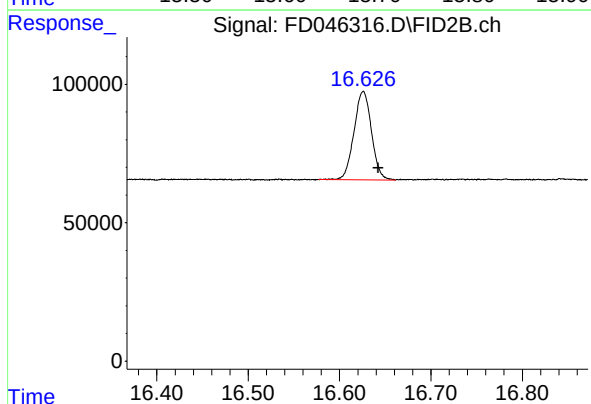
R.T.: 15.683 min
Delta R.T.: -0.016 min
Response: 411209
Conc: 3.22 ug/ml

Instrument :

FID_D

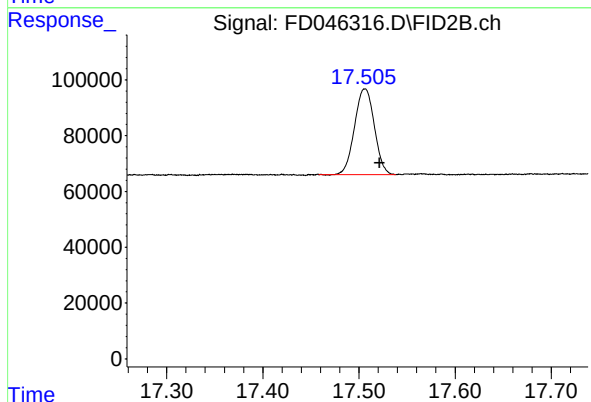
ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



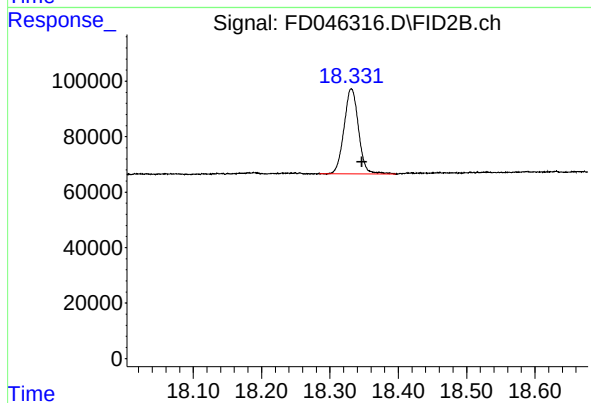
#16 n-Octacosane (C28)

R.T.: 16.626 min
Delta R.T.: -0.016 min
Response: 425134
Conc: 3.49 ug/ml



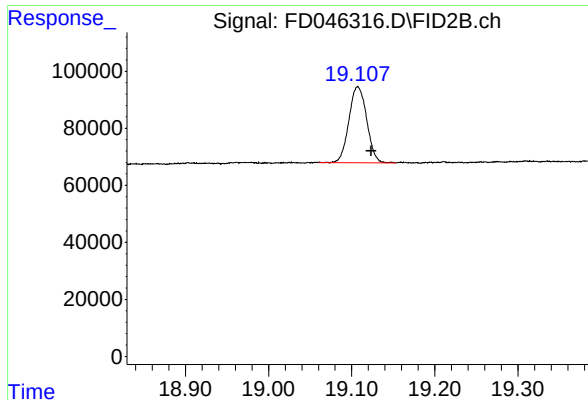
#17 n-Tricontane (C30)

R.T.: 17.506 min
Delta R.T.: -0.015 min
Response: 440502
Conc: 3.56 ug/ml



#18 n-Dotriacontane (C32)

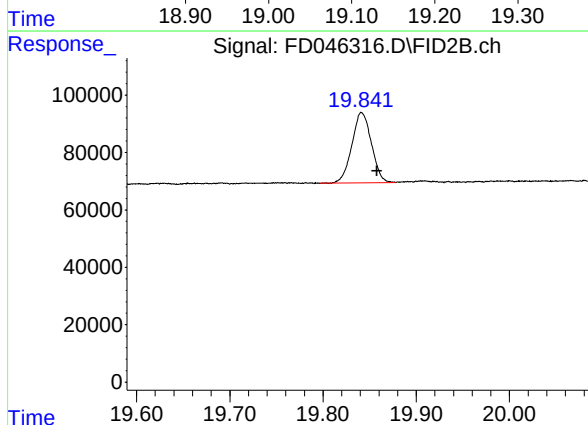
R.T.: 18.331 min
Delta R.T.: -0.016 min
Response: 454013
Conc: 3.72 ug/ml



#19 n-Tetratriacontane (C34)

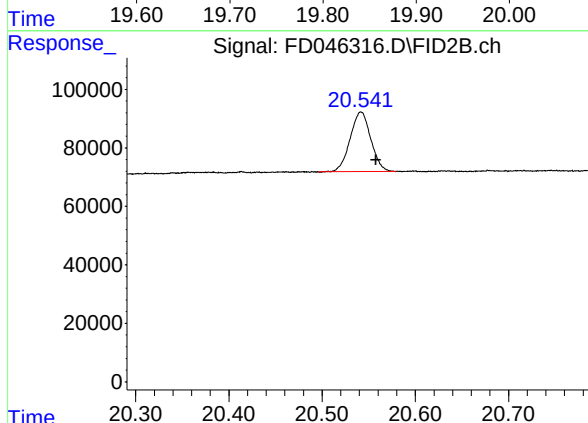
R.T.: 19.107 min
Delta R.T.: -0.016 min
Response: 396016
Conc: 3.10 ug/ml

Instrument :
FID_D
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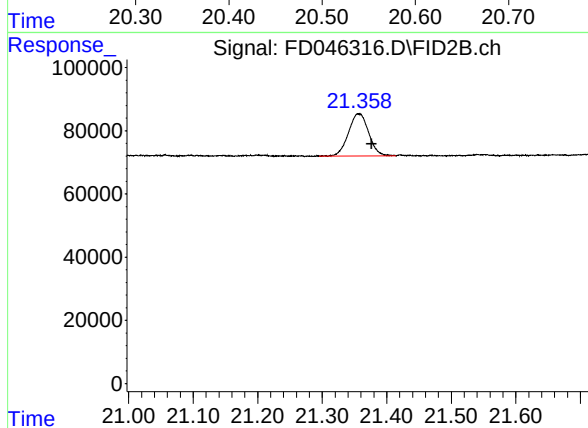
#20 n-Hexatriacontane (C36)

R.T.: 19.841 min
Delta R.T.: -0.016 min
Response: 355950
Conc: 3.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.542 min
Delta R.T.: -0.016 min
Response: 314796
Conc: 2.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.357 min
Delta R.T.: -0.020 min
Response: 289079
Conc: 2.69 ug/ml