

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080224AL\
 Data File : FD048145.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2024 19:31
 Operator : YP/AJ
 Sample : P3390-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 74 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Aug 03 00:09:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 080224.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 02 14:07:46 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...	12.735	5583165	36.566 ug/ml
Spiked Amount 50.000		Recovery =	73.13%
Target Compounds			
1) T n-Nonane (C9)	3.143	384551	2.134 ug/ml
2) T n-Decane (C10)	4.191	469529	2.534 ug/ml
4) T n-Dodecane (C12)	6.186	683568	3.647 ug/ml
6) T n-Tetradecane (C14)	7.969	662012	3.554 ug/ml
7) T n-Hexadecane (C16)	9.559	585945	3.085 ug/ml
8) T n-Octadecane (C18)	10.991	613613	3.197 ug/ml
10) T n-Eicosane (C20)	12.293	638158	3.472 ug/ml
11) T n-Heneicosane (C21)	12.901	588178	3.256 ug/ml
13) T n-Docosane (C22)	13.485	607695	3.403 ug/ml
14) T n-Tetracosane (C24)	14.582	603175	3.417 ug/ml
15) T n-Hexacosane (C26)	15.597	570959	3.346 ug/ml
16) T n-Octacosane (C28)	16.542	585167	3.550 ug/ml
17) T n-Tricontane (C30)	17.425	651020	3.941 ug/ml
18) T n-Dotriacontane (C32)	18.252	691186	4.360 ug/ml
19) T n-Tetratriacontane (C34)	19.033	633099	4.201 ug/ml
20) T n-Hexatriacontane (C36)	19.768	554848	3.907 ug/ml
21) T n-Octatriacontane (C38)	20.465	519184	3.752 ug/ml
22) T n-Tetracontane (C40)	21.255	461510	3.482 ug/ml

(f)=RT Delta > 1/2 Window

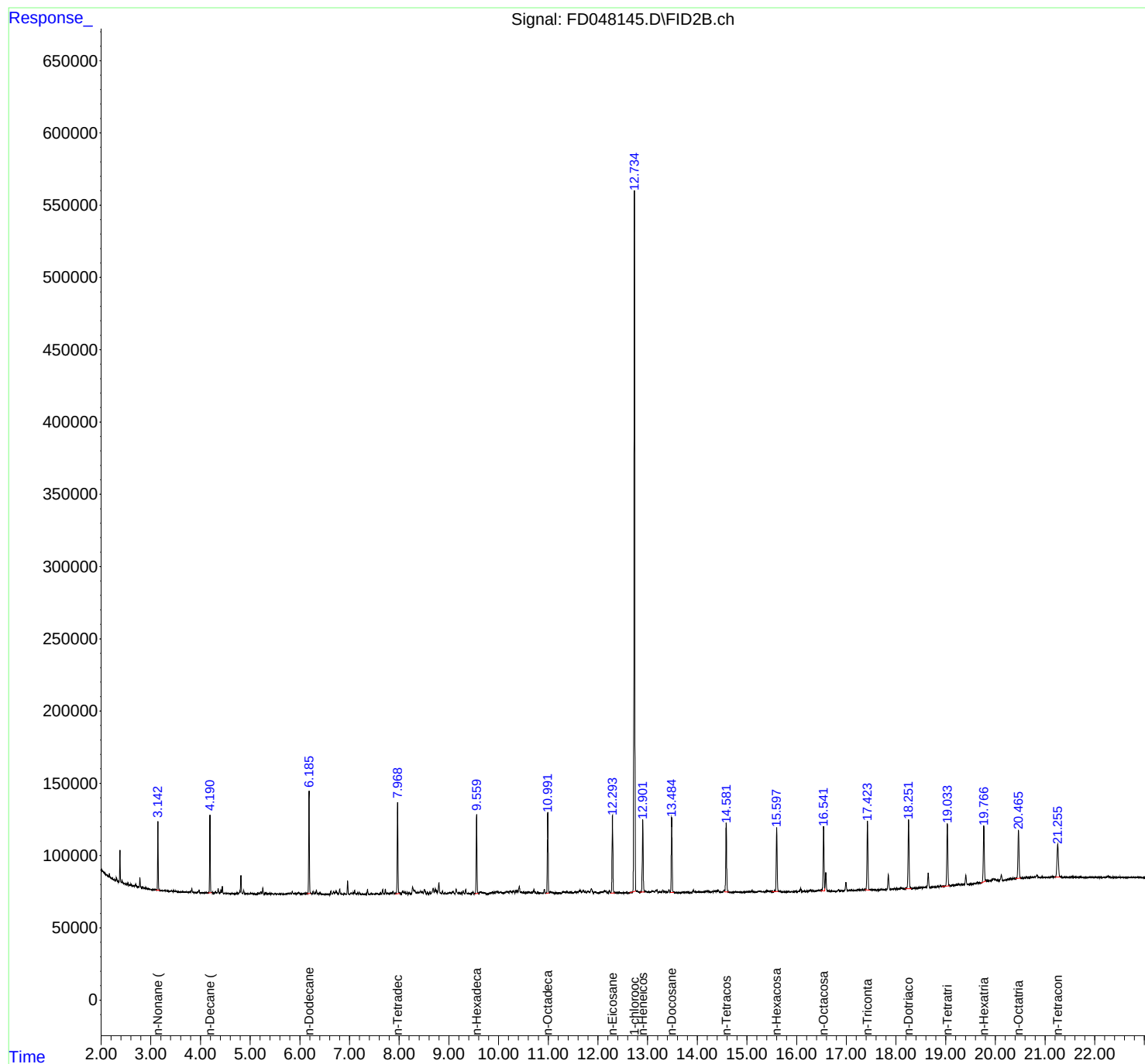
(m)=manual int.

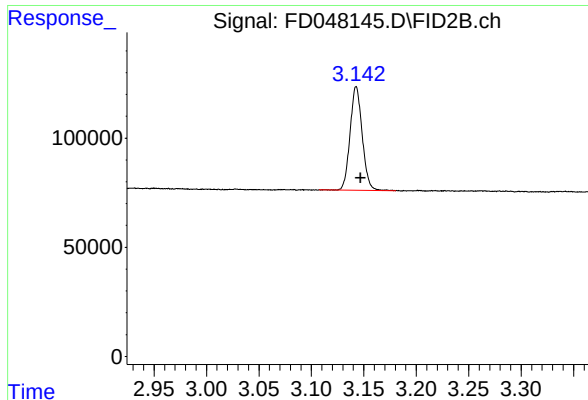
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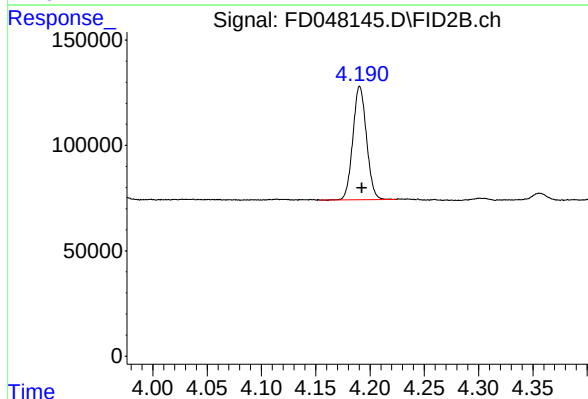




#1 n-Nonane (C9)

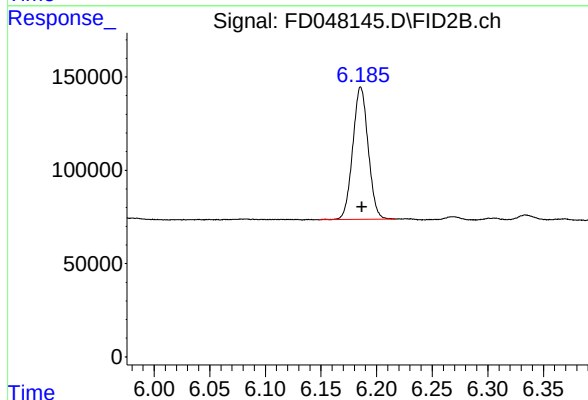
R.T.: 3.143 min
Delta R.T.: -0.004 min
Response: 384551
Conc: 2.13 ug/ml

Instrument :
FID_D
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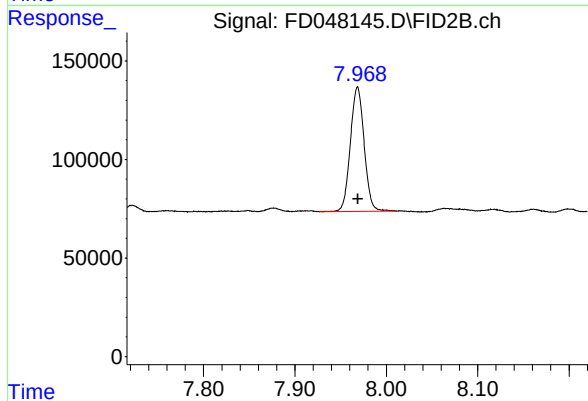
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: -0.002 min
Response: 469529
Conc: 2.53 ug/ml



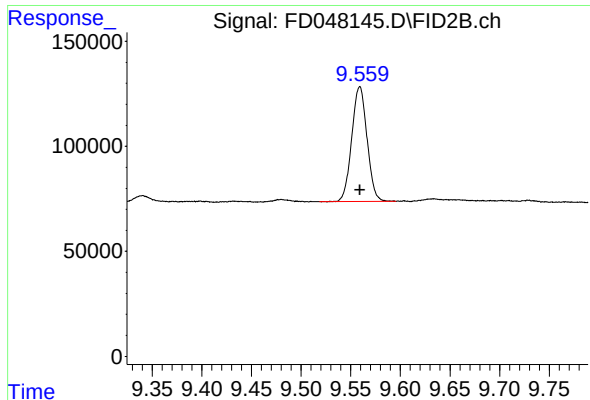
#4 n-Dodecane (C12)

R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 683568
Conc: 3.65 ug/ml



#6 n-Tetradecane (C14)

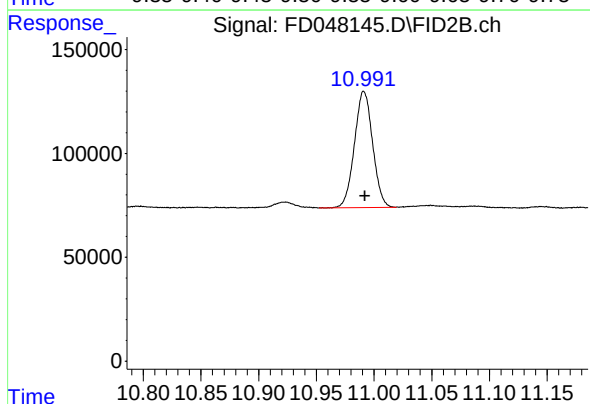
R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 662012
Conc: 3.55 ug/ml



#7 n-Hexadecane (C16)

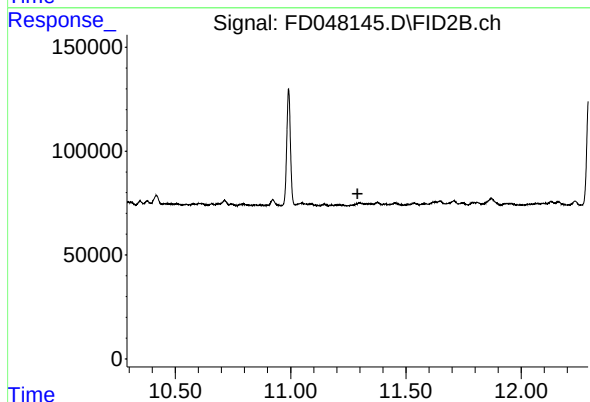
R.T.: 9.559 min
Delta R.T.: 0.000 min
Response: 585945
Conc: 3.09 ug/ml

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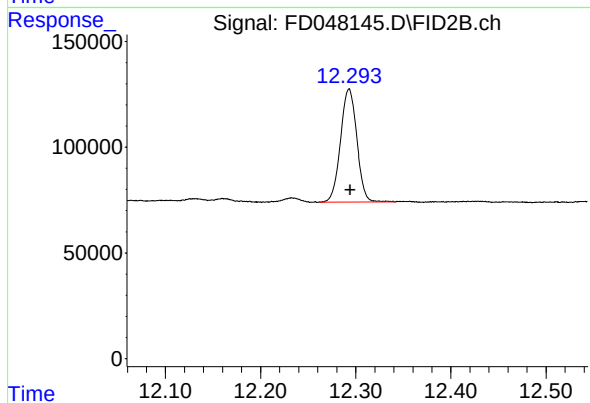
#8 n-Octadecane (C18)

R.T.: 10.991 min
Delta R.T.: 0.000 min
Response: 613613
Conc: 3.20 ug/ml



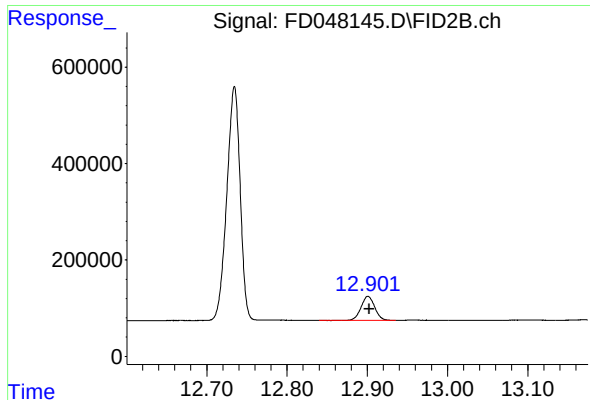
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.290 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.293 min
Delta R.T.: -0.001 min
Response: 638158
Conc: 3.47 ug/ml



#11 n-Heneicosane (C21)

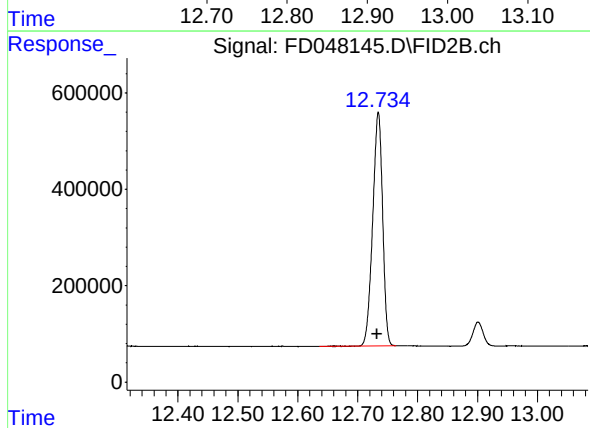
R.T.: 12.901 min
Delta R.T.: -0.001 min
Response: 588178
Conc: 3.26 ug/ml

Instrument :

FID_D

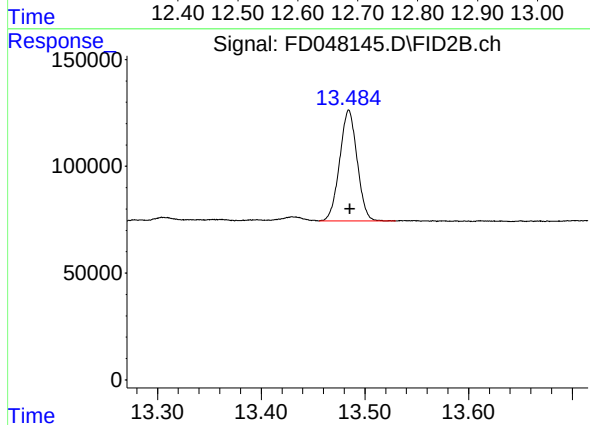
ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



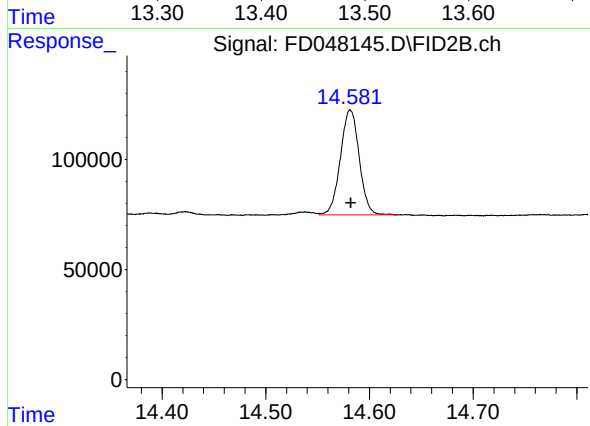
#12 1-chlorooctadecane (SURR)

R.T.: 12.735 min
Delta R.T.: 0.002 min
Response: 5583165
Conc: 36.57 ug/ml



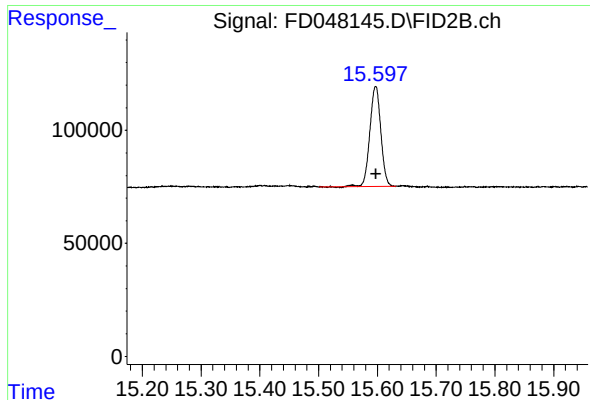
#13 n-Docosane (C22)

R.T.: 13.485 min
Delta R.T.: -0.001 min
Response: 607695
Conc: 3.40 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.582 min
Delta R.T.: 0.000 min
Response: 603175
Conc: 3.42 ug/ml



#15 n-Hexacosane (C26)

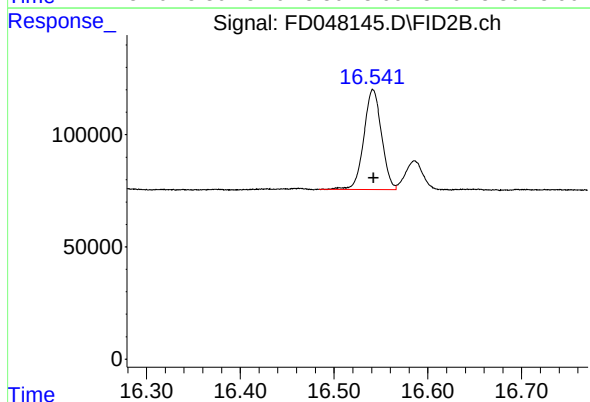
R.T.: 15.597 min
Delta R.T.: 0.000 min
Response: 570959
Conc: 3.35 ug/ml

Instrument :

FID_D

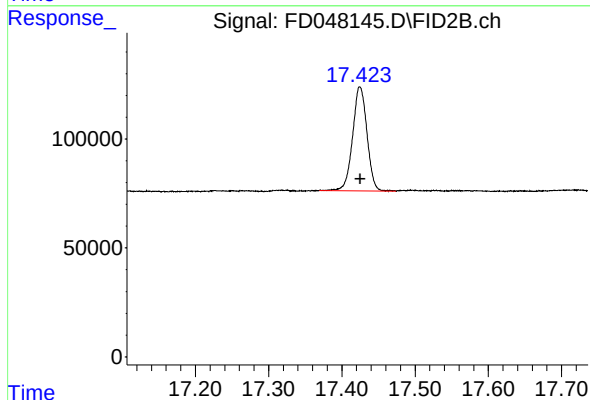
ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



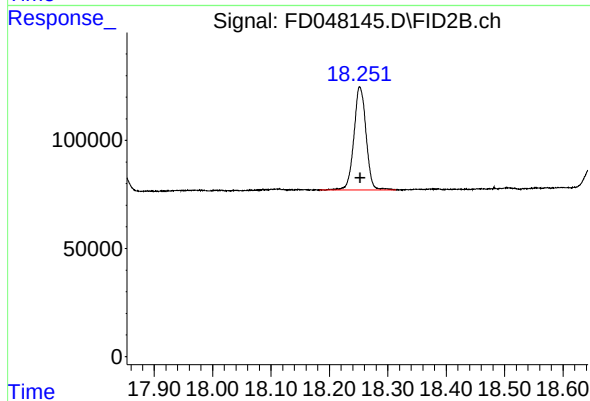
#16 n-Octacosane (C28)

R.T.: 16.542 min
Delta R.T.: 0.000 min
Response: 585167
Conc: 3.55 ug/ml



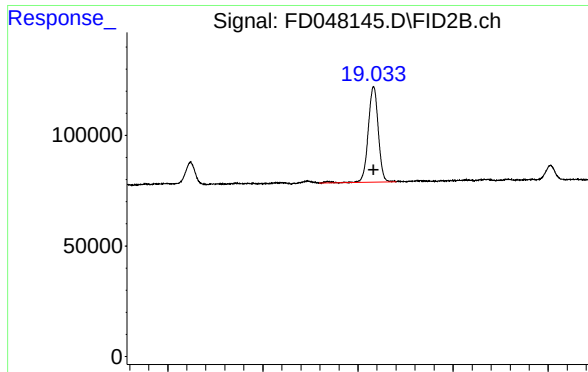
#17 n-Tricontane (C30)

R.T.: 17.425 min
Delta R.T.: 0.000 min
Response: 651020
Conc: 3.94 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.252 min
Delta R.T.: -0.001 min
Response: 691186
Conc: 4.36 ug/ml



#19 n-Tetratriacontane (C34)

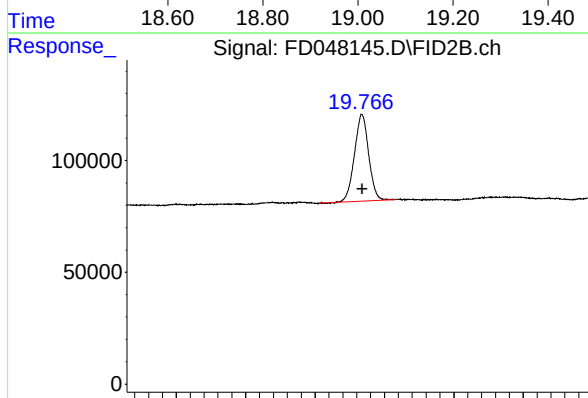
R.T.: 19.033 min
Delta R.T.: 0.000 min
Response: 633099
Conc: 4.20 ug/ml

Instrument :

FID_D

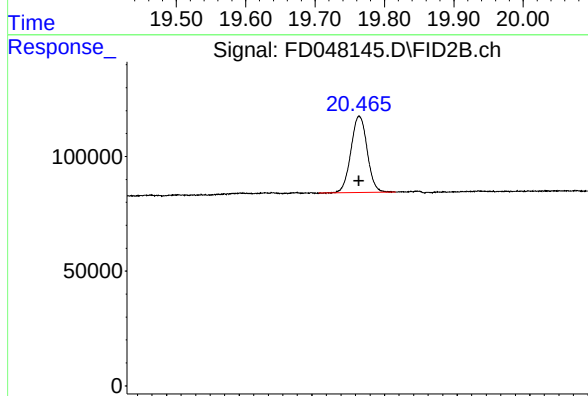
ClientSampleId :

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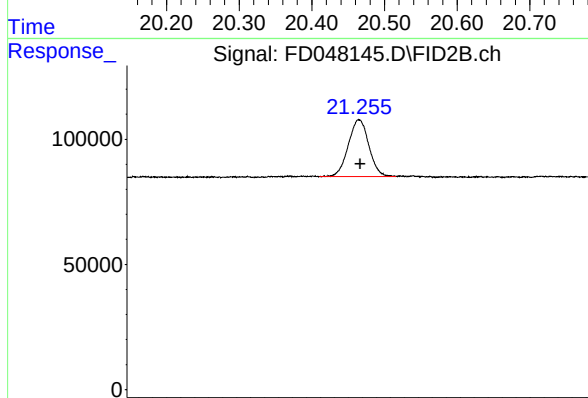
#20 n-Hexatriacontane (C36)

R.T.: 19.768 min
Delta R.T.: 0.000 min
Response: 554848
Conc: 3.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.465 min
Delta R.T.: 0.000 min
Response: 519184
Conc: 3.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.255 min
Delta R.T.: -0.002 min
Response: 461510
Conc: 3.48 ug/ml