

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080923AL\
 Data File : FD046317.D
 Signal(s) : FID2B.ch
 Acq On : 09 Aug 2023 16:49
 Operator : YP/AJ
 Sample : 03572-07
 Misc : LOD 4 PPM
 ALS Vial : 60 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Aug 10 00:00:15 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	6378972	53.014 ug/ml
Spiked Amount 50.000		Recovery =	106.03%
Target Compounds			
1) T n-Nonane (C9)	3.221	495049	3.140 ug/ml
2) T n-Decane (C10)	4.276	481676	2.999 ug/ml
4) T n-Dodecane (C12)	6.278	499551	3.091 ug/ml
6) T n-Tetradecane (C14)	8.062	508966	3.199 ug/ml
7) T n-Hexadecane (C16)	9.653	509101	3.129 ug/ml
8) T n-Octadecane (C18)	11.085	543211	3.368 ug/ml
10) T n-Eicosane (C20)	12.386	542723	3.636 ug/ml
11) T n-Heneicosane (C21)	12.993	552164	3.825 ug/ml
13) T n-Docosane (C22)	13.576	550598	3.941 ug/ml
14) T n-Tetracosane (C24)	14.670	555587	4.035 ug/ml
15) T n-Hexacosane (C26)	15.684	565547	4.424 ug/ml
16) T n-Octacosane (C28)	16.626	558623	4.588 ug/ml
17) T n-Tricontane (C30)	17.507	558314	4.511 ug/ml
18) T n-Dotriacontane (C32)	18.331	543704	4.453 ug/ml
19) T n-Tetratriacontane (C34)	19.108	505006	3.947 ug/ml
20) T n-Hexatriacontane (C36)	19.842	468766	4.093 ug/ml
21) T n-Octatriacontane (C38)	20.541	431666	3.834 ug/ml
22) T n-Tetracontane (C40)	21.357	401551	3.743 ug/ml

(f)=RT Delta > 1/2 Window

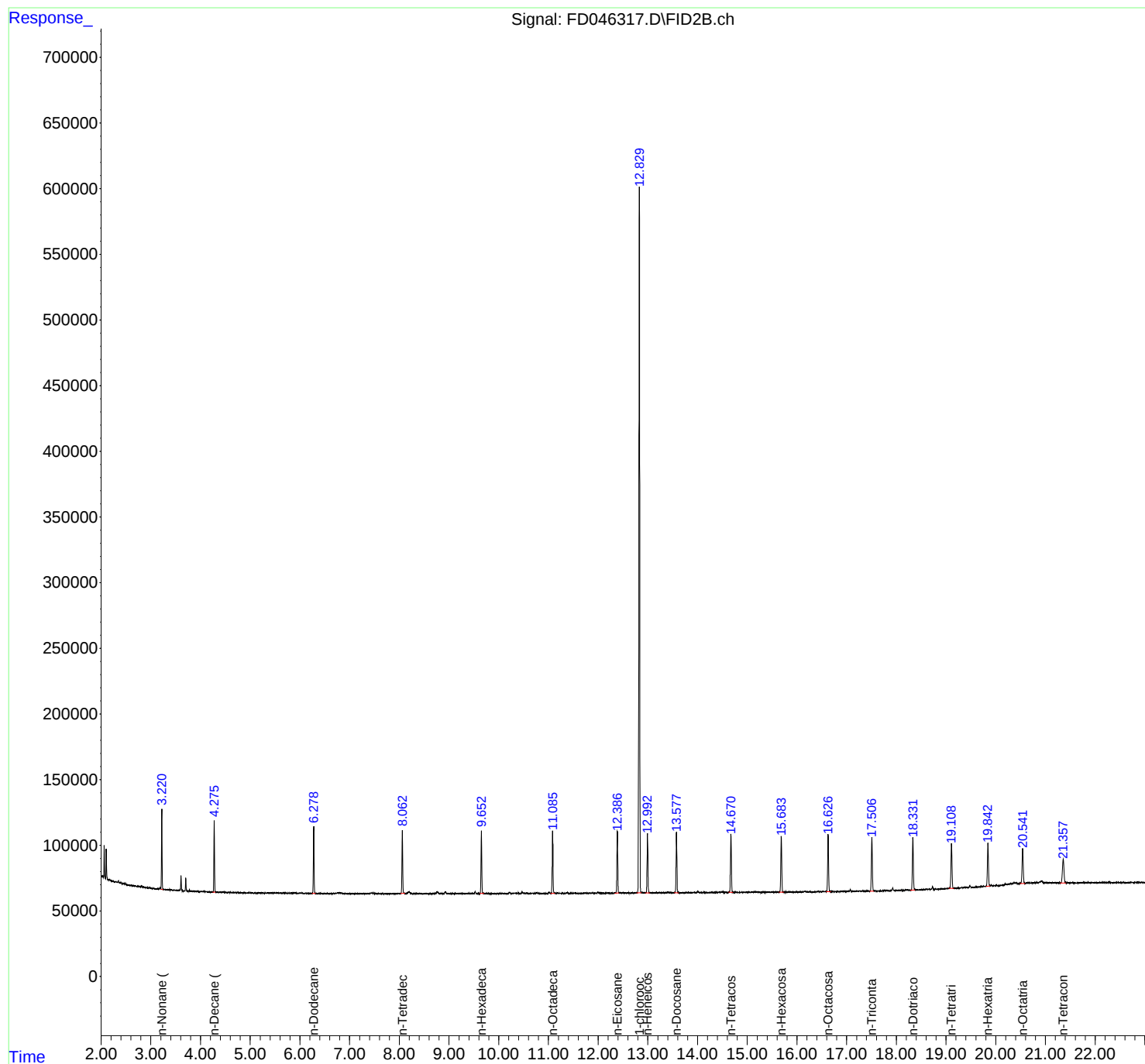
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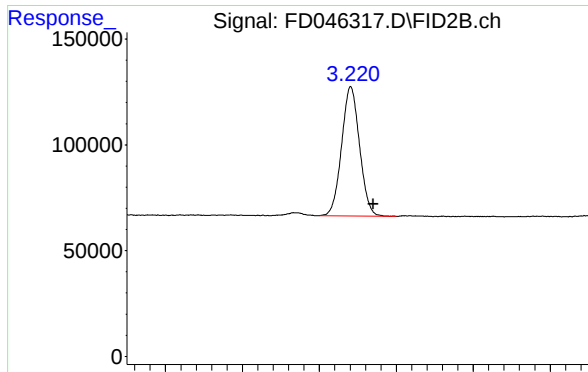
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#1 n-Nonane (C9)

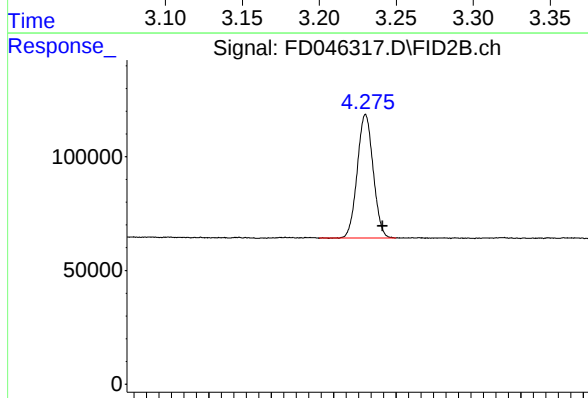
R.T.: 3.221 min
Delta R.T.: -0.014 min
Response: 495049
Conc: 3.14 ug/ml

Instrument :

FID_D

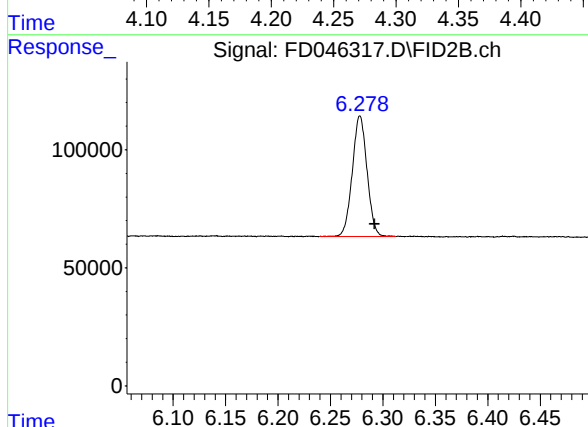
ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



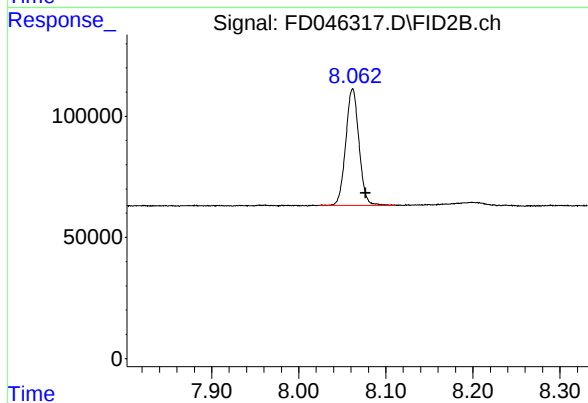
#2 n-Decane (C10)

R.T.: 4.276 min
Delta R.T.: -0.014 min
Response: 481676
Conc: 3.00 ug/ml



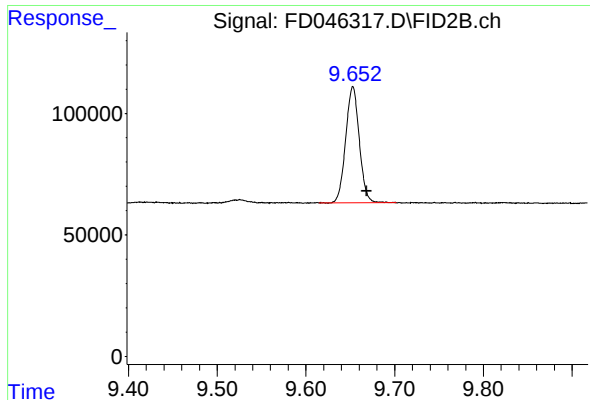
#4 n-Dodecane (C12)

R.T.: 6.278 min
Delta R.T.: -0.014 min
Response: 499551
Conc: 3.09 ug/ml



#6 n-Tetradecane (C14)

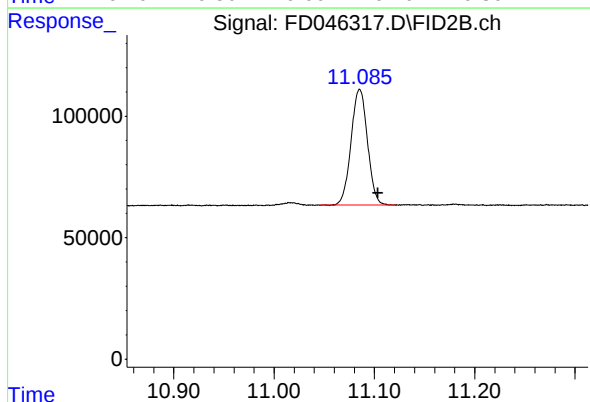
R.T.: 8.062 min
Delta R.T.: -0.015 min
Response: 508966
Conc: 3.20 ug/ml



#7 n-Hexadecane (C16)

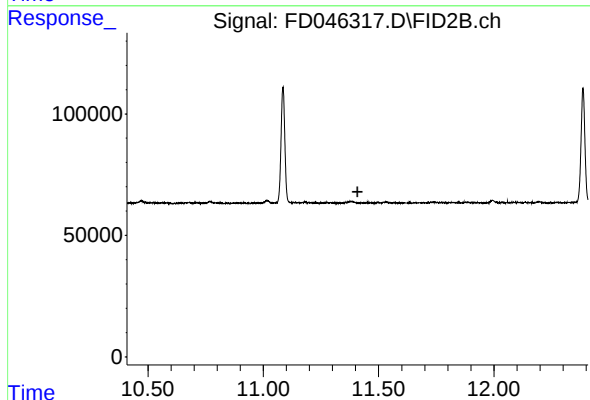
R.T.: 9.653 min
Delta R.T.: -0.016 min
Response: 509101
Conc: 3.13 ug/ml

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



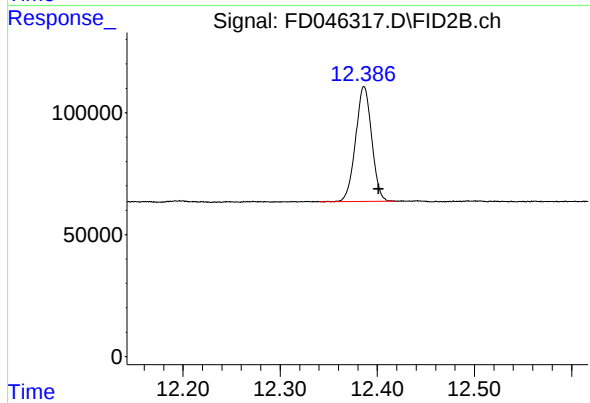
#8 n-Octadecane (C18)

R.T.: 11.085 min
Delta R.T.: -0.018 min
Response: 543211
Conc: 3.37 ug/ml



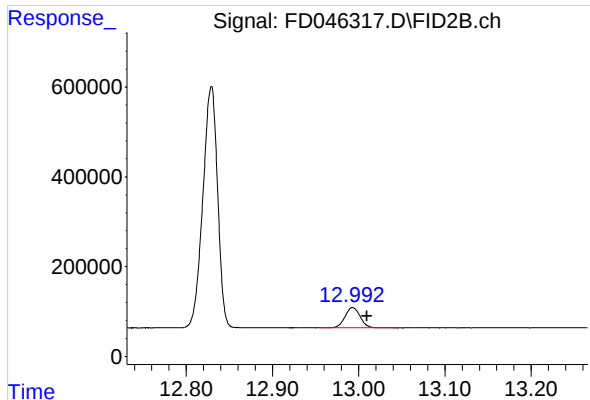
#9 ortho-Terphenyl (SURR)

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.: -0.015 min
Response: 542723
Conc: 3.64 ug/ml



#11 n-Heneicosane (C21)

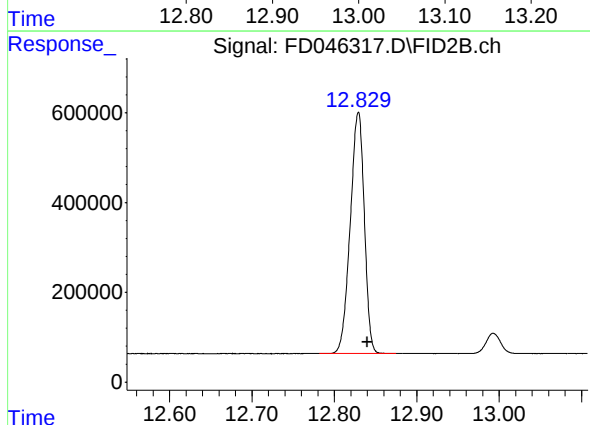
R.T.: 12.993 min
Delta R.T.: -0.017 min
Response: 552164
Conc: 3.83 ug/ml

Instrument :

FID_D

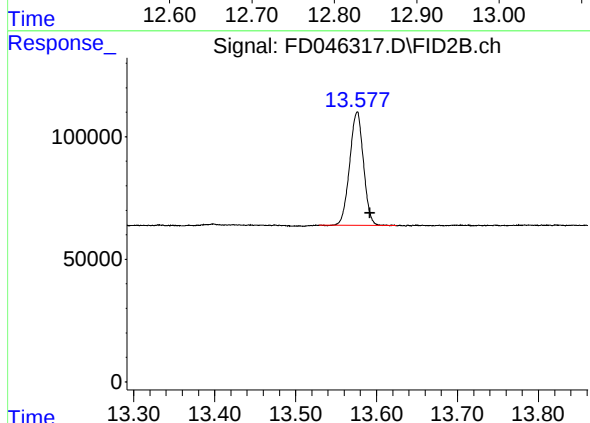
ClientSampleId :

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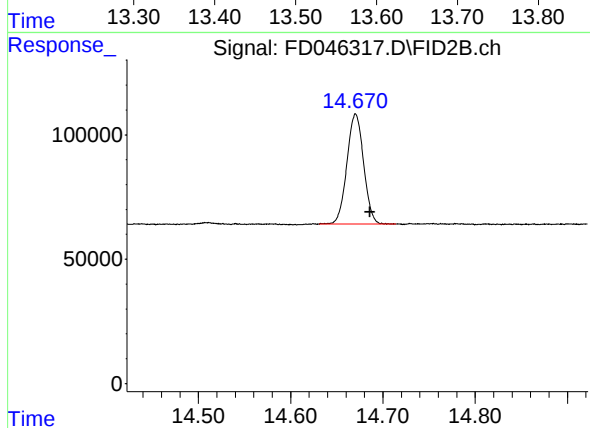
#12 1-chlorooctadecane (SURR)

R.T.: 12.829 min
Delta R.T.: -0.011 min
Response: 6378972
Conc: 53.01 ug/ml



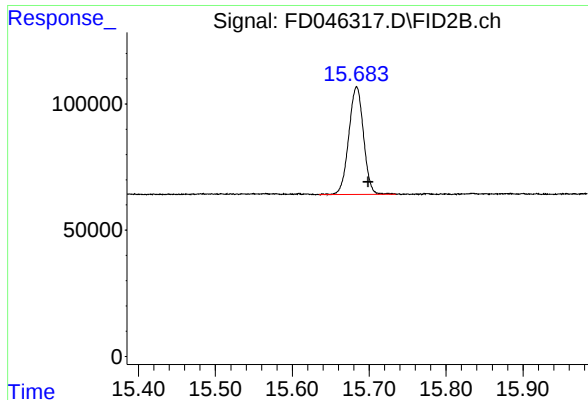
#13 n-Docosane (C22)

R.T.: 13.576 min
Delta R.T.: -0.016 min
Response: 550598
Conc: 3.94 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.670 min
Delta R.T.: -0.015 min
Response: 555587
Conc: 4.03 ug/ml



#15 n-Hexacosane (C26)

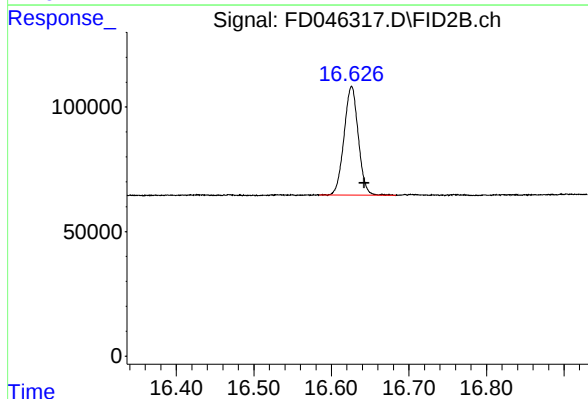
R.T.: 15.684 min
Delta R.T.: -0.015 min
Response: 565547
Conc: 4.42 ug/ml

Instrument :

FID_D

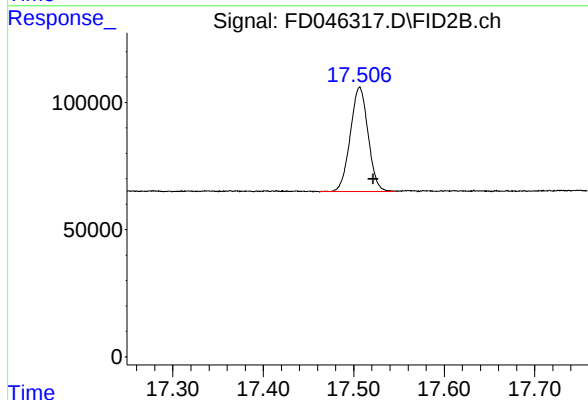
ClientSampleId :

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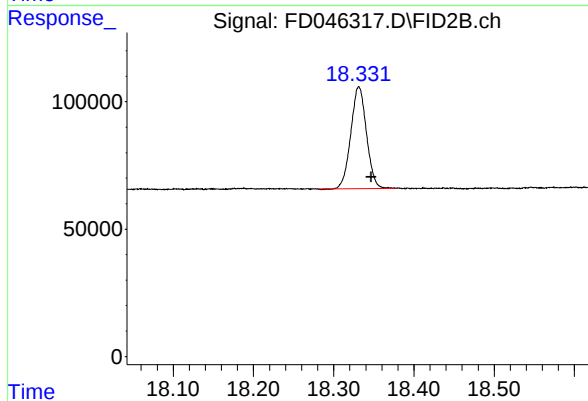
#16 n-Octacosane (C28)

R.T.: 16.626 min
Delta R.T.: -0.016 min
Response: 558623
Conc: 4.59 ug/ml



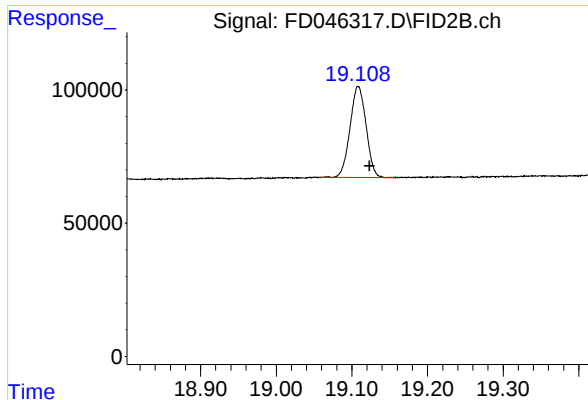
#17 n-Tricontane (C30)

R.T.: 17.507 min
Delta R.T.: -0.015 min
Response: 558314
Conc: 4.51 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.331 min
Delta R.T.: -0.016 min
Response: 543704
Conc: 4.45 ug/ml



#19 n-Tetratriacontane (C34)

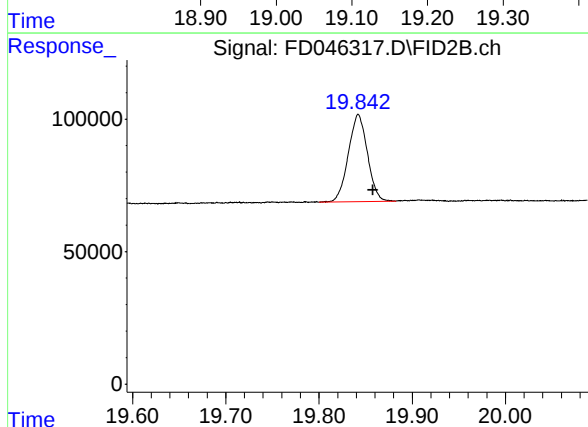
R.T.: 19.108 min
Delta R.T.: -0.015 min
Response: 505006
Conc: 3.95 ug/ml

Instrument :

FID_D

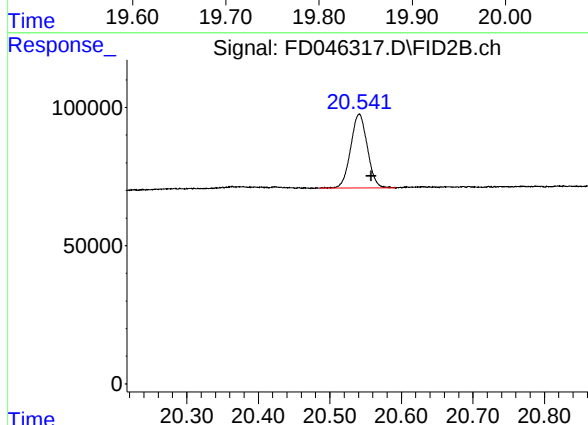
ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



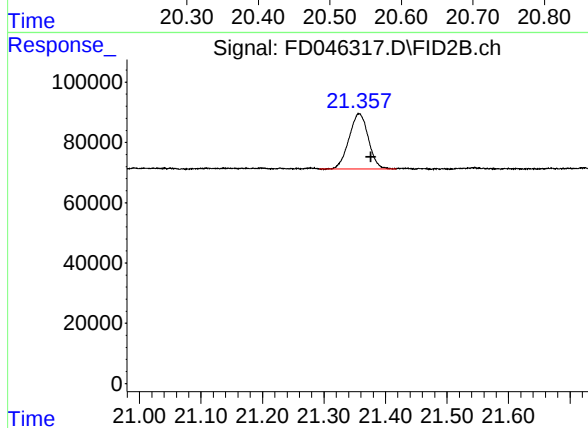
#20 n-Hexatriacontane (C36)

R.T.: 19.842 min
Delta R.T.: -0.016 min
Response: 468766
Conc: 4.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.541 min
Delta R.T.: -0.017 min
Response: 431666
Conc: 3.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.357 min
Delta R.T.: -0.019 min
Response: 401551
Conc: 3.74 ug/ml