

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
 Data File : FD047218.D
 Signal(s) : FID2B.ch
 Acq On : 09 Feb 2024 04:36
 Operator : YP/AJ
 Sample : P1187-07
 Misc : AL LOD 2.5 PPM
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

Integration File: autoint1.e
 Quant Time: Feb 09 05:37:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 09 05:31:04 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...	12.794	5563715	40.199 ug/ml
Spiked Amount 50.000		Recovery =	80.40%
Target Compounds			
1) T n-Nonane (C9)	3.199	263897	1.687 ug/ml
2) T n-Decane (C10)	4.249	331669	2.075 ug/ml
4) T n-Dodecane (C12)	6.248	515527	3.178 ug/ml
6) T n-Tetradecane (C14)	8.030	412425	2.549 ug/ml
7) T n-Hexadecane (C16)	9.621	423524	2.528 ug/ml
8) T n-Octadecane (C18)	11.053	476756	2.801 ug/ml
10) T n-Eicosane (C20)	12.353	505939	3.074 ug/ml
11) T n-Heneicosane (C21)	12.960	487284	3.004 ug/ml
13) T n-Docosane (C22)	13.542	510999	3.174 ug/ml
14) T n-Tetracosane (C24)	14.637	541946	3.403 ug/ml
15) T n-Hexacosane (C26)	15.650	517549	3.333 ug/ml
16) T n-Octacosane (C28)	16.591	519976	3.474 ug/ml
17) T n-Tricontane (C30)	17.472	533093	3.602 ug/ml
18) T n-Dotriacontane (C32)	18.297	507503	3.599 ug/ml
19) T n-Tetratriacontane (C34)	19.073	479843	3.625 ug/ml
20) T n-Hexatriacontane (C36)	19.807	446383	3.588 ug/ml
21) T n-Octatriacontane (C38)	20.504	466346	3.898 ug/ml
22) T n-Tetracontane (C40)	21.309	490465	4.239 ug/ml

(f)=RT Delta > 1/2 Window

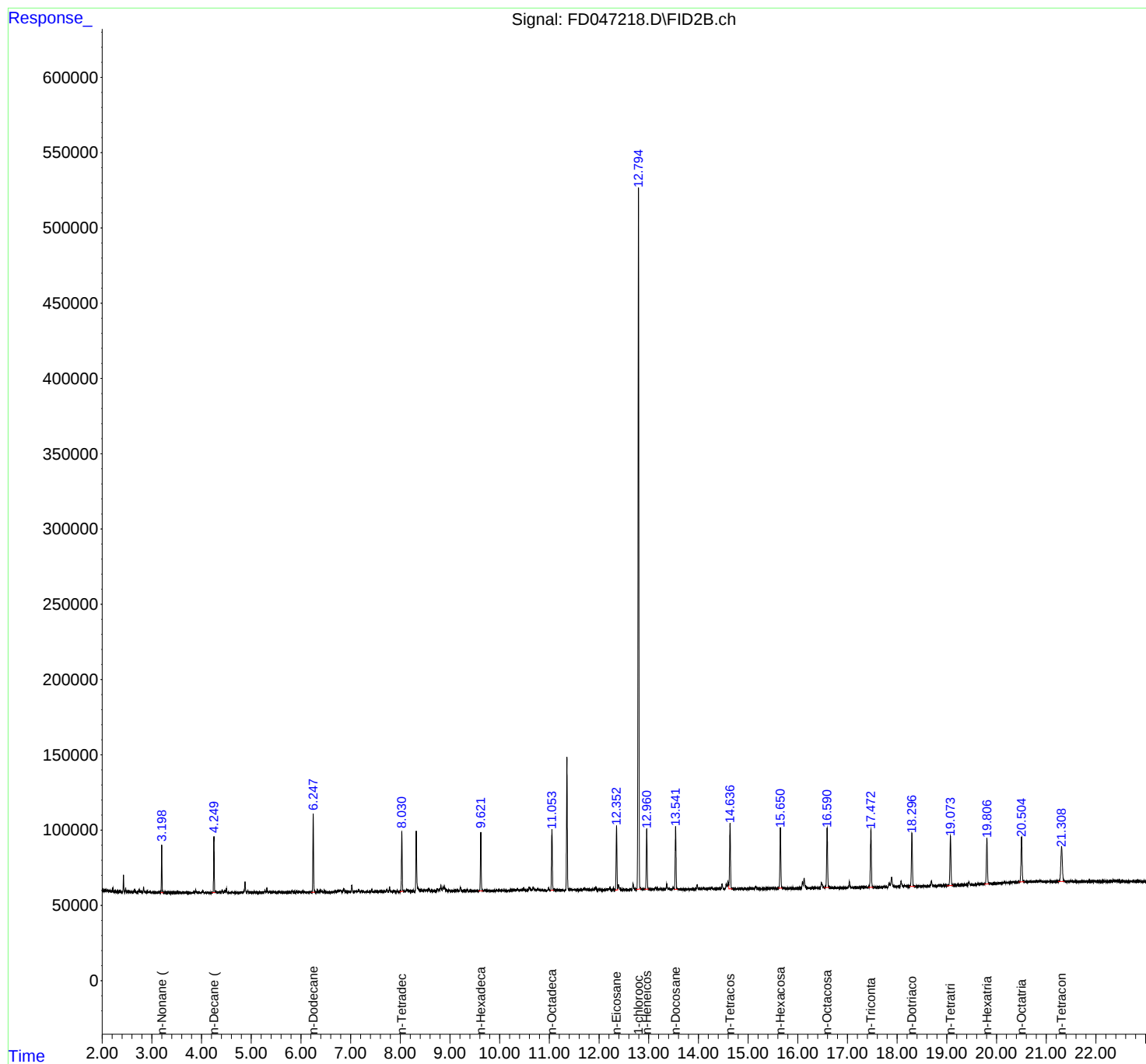
(m)=manual int.

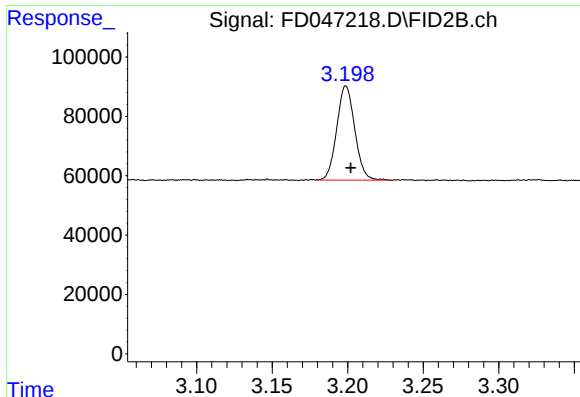
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
Data File : FD047218.D
Signal(s) : FID2B.ch
Acq On : 09 Feb 2024 04:36
Operator : YP/AJ
Sample : P1187-07
Misc : AL LOD 2.5 PPM
ALS Vial : 67 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Integration File: autoint1.e
Quant Time: Feb 09 05:37:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020824.M
Quant Title : GC Extractables
QLast Update : Fri Feb 09 05:31:04 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

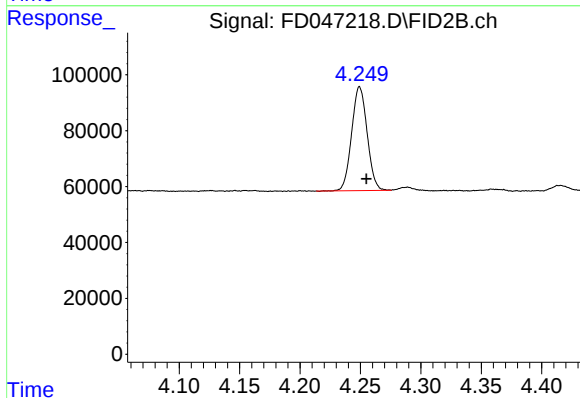




#1 n-Nonane (C9)

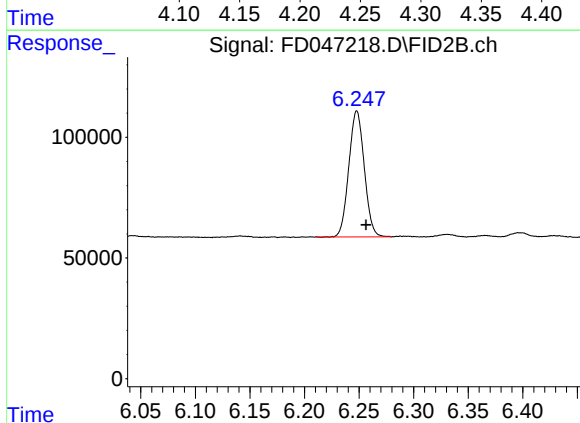
R.T.: 3.199 min
Delta R.T.: -0.003 min
Response: 263897
Conc: 1.69 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



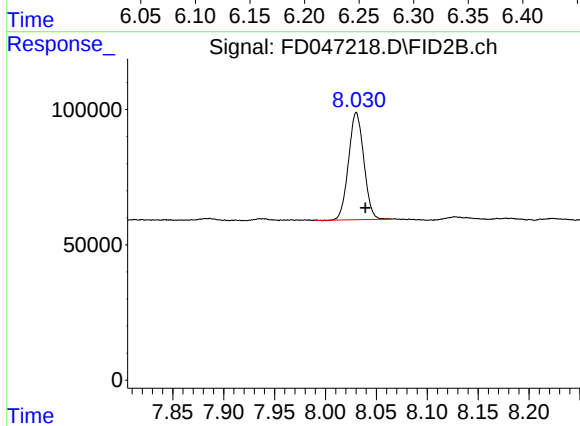
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: -0.006 min
Response: 331669
Conc: 2.08 ug/ml



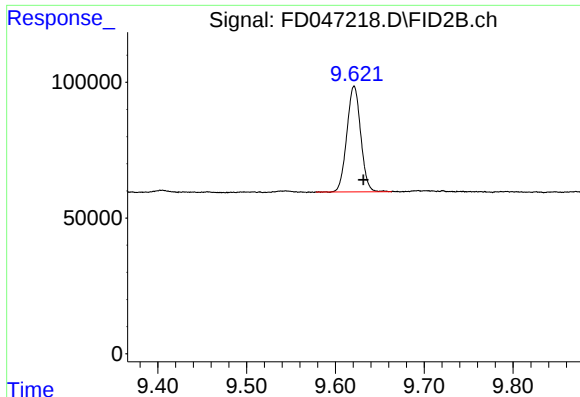
#4 n-Dodecane (C12)

R.T.: 6.248 min
Delta R.T.: -0.008 min
Response: 515527
Conc: 3.18 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.030 min
Delta R.T.: -0.009 min
Response: 412425
Conc: 2.55 ug/ml



#7 n-Hexadecane (C16)

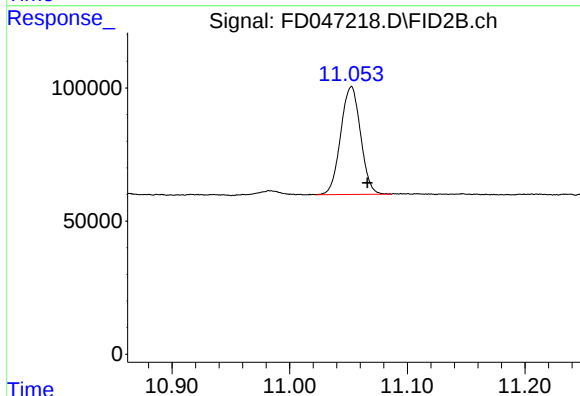
R.T.: 9.621 min
Delta R.T.: -0.010 min
Response: 423524
Conc: 2.53 ug/ml

Instrument :

FID_D

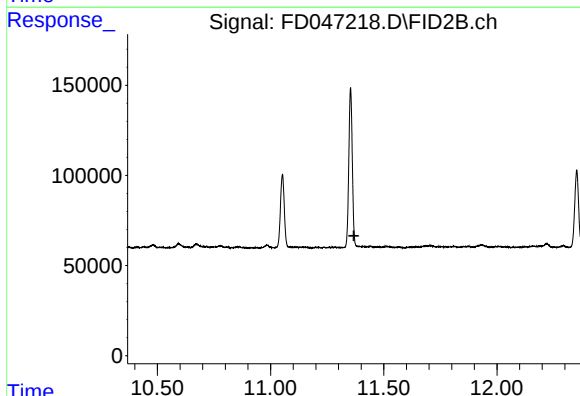
ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



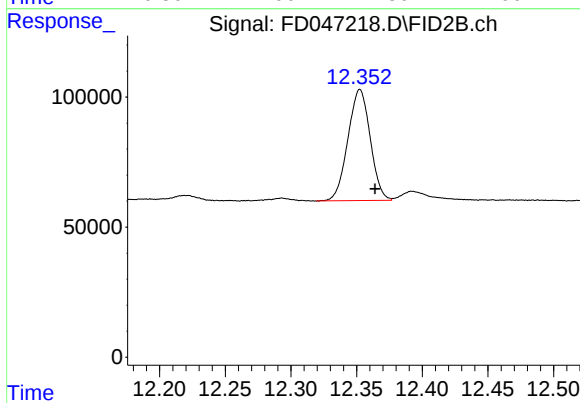
#8 n-Octadecane (C18)

R.T.: 11.053 min
Delta R.T.: -0.014 min
Response: 476756
Conc: 2.80 ug/ml



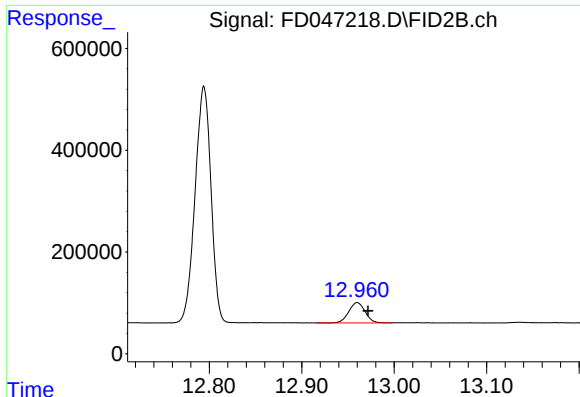
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.368 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

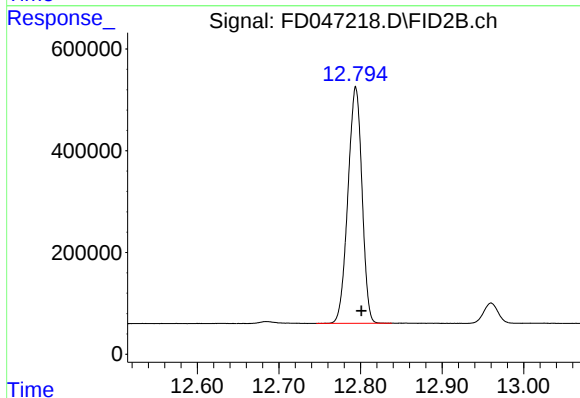
R.T.: 12.353 min
Delta R.T.: -0.012 min
Response: 505939
Conc: 3.07 ug/ml



#11 n-Heneicosane (C21)

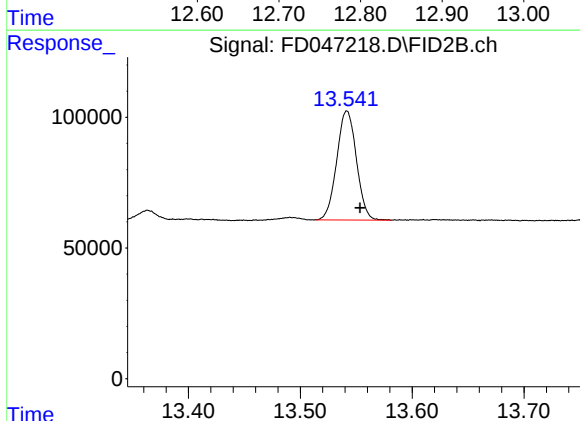
R.T.: 12.960 min
Delta R.T.: -0.012 min
Response: 487284
Conc: 3.00 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



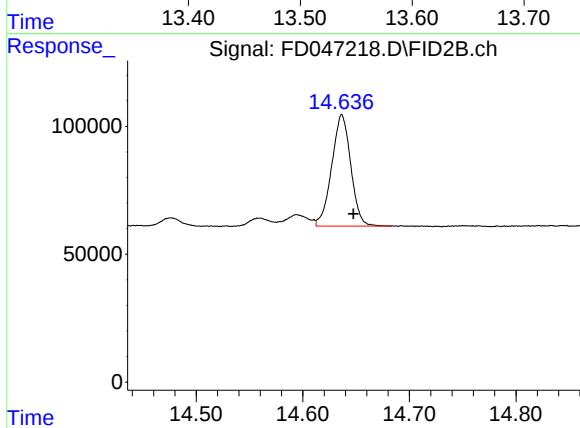
#12 1-chlorooctadecane (SURR)

R.T.: 12.794 min
Delta R.T.: -0.007 min
Response: 5563715
Conc: 40.20 ug/ml



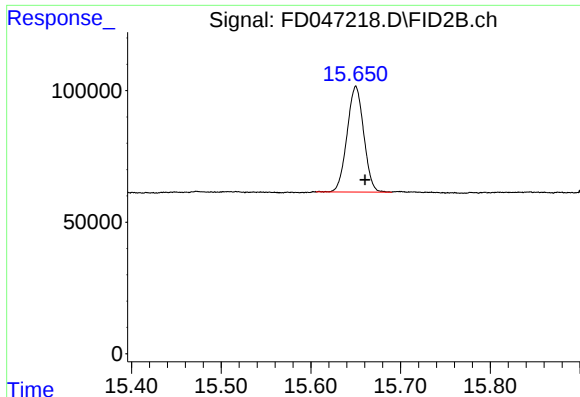
#13 n-Docosane (C22)

R.T.: 13.542 min
Delta R.T.: -0.012 min
Response: 510999
Conc: 3.17 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.637 min
Delta R.T.: -0.011 min
Response: 541946
Conc: 3.40 ug/ml



#15 n-Hexacosane (C26)

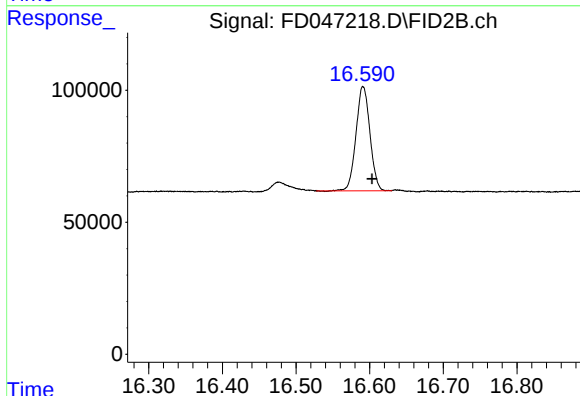
R.T.: 15.650 min
Delta R.T.: -0.010 min
Response: 517549
Conc: 3.33 ug/ml

Instrument :

FID_D

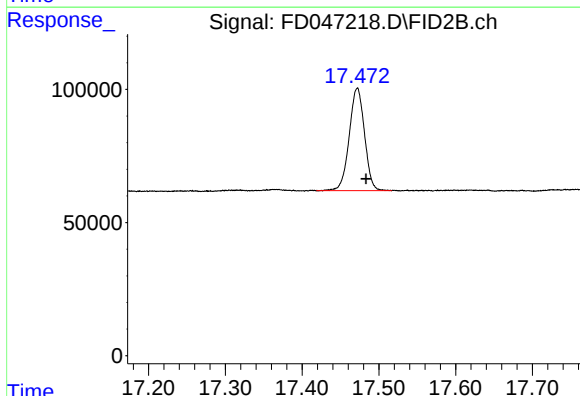
ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



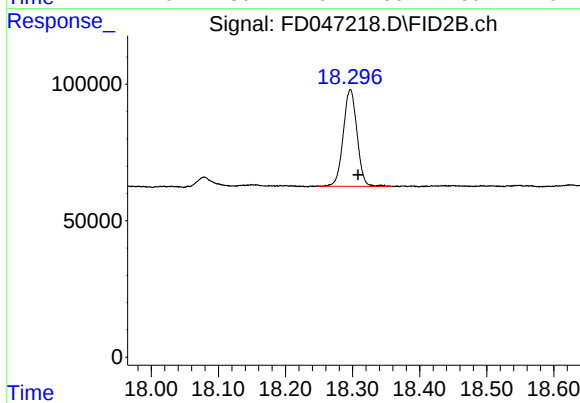
#16 n-Octacosane (C28)

R.T.: 16.591 min
Delta R.T.: -0.012 min
Response: 519976
Conc: 3.47 ug/ml



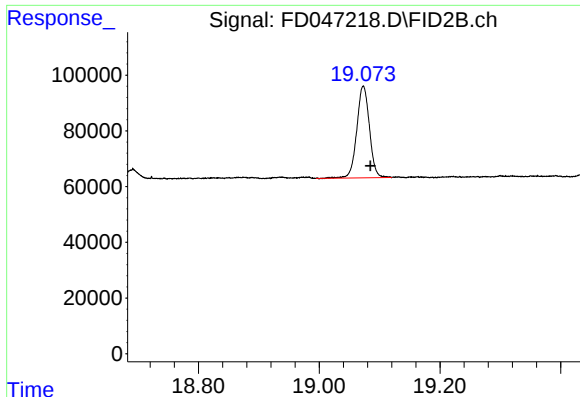
#17 n-Tricontane (C30)

R.T.: 17.472 min
Delta R.T.: -0.012 min
Response: 533093
Conc: 3.60 ug/ml



#18 n-Dotriacontane (C32)

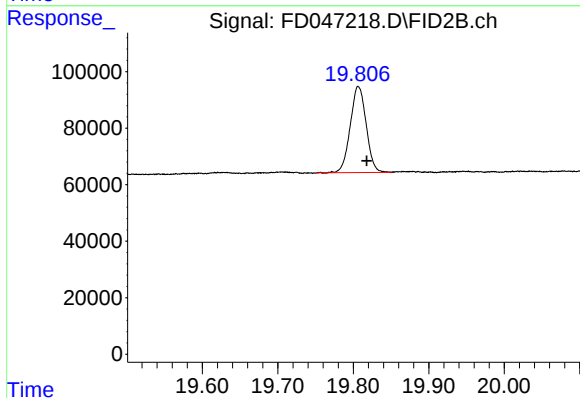
R.T.: 18.297 min
Delta R.T.: -0.011 min
Response: 507503
Conc: 3.60 ug/ml



#19 n-Tetratriacontane (C34)

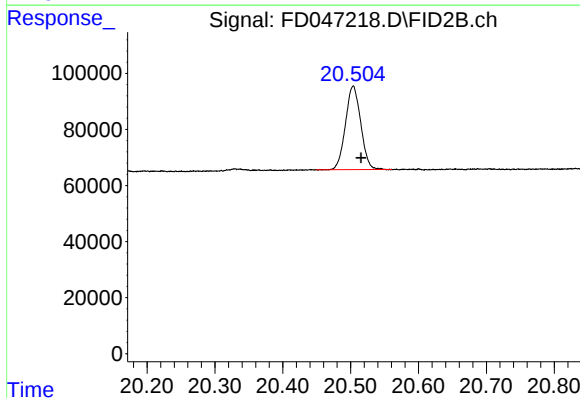
R.T.: 19.073 min
Delta R.T.: -0.012 min
Response: 479843
Conc: 3.63 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



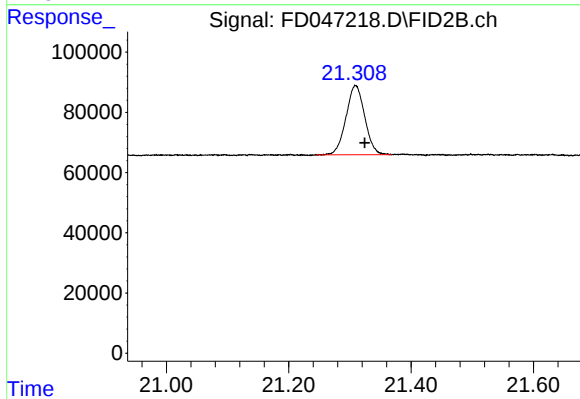
#20 n-Hexatriacontane (C36)

R.T.: 19.807 min
Delta R.T.: -0.011 min
Response: 446383
Conc: 3.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.504 min
Delta R.T.: -0.012 min
Response: 466346
Conc: 3.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.309 min
Delta R.T.: -0.015 min
Response: 490465
Conc: 4.24 ug/ml