

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012925AL\
 Data File : FG015212.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2025 10:16
 Operator : YP\AJ
 Sample : Q1168-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Integration File: autoint1.e
 Quant Time: Jan 30 03:43:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 2025
 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...	13.383	4237478	34.801 ug/ml
Spiked Amount 50.000		Recovery =	69.60%
Target Compounds			
1) T n-Nonane (C9)	3.279	291080	2.242 ug/ml
2) T n-Decane (C10)	4.539	346714	2.609 ug/ml
4) T n-Dodecane (C12)	6.719	407077	2.994 ug/ml
6) T n-Tetradecane (C14)	8.555	415212	3.019 ug/ml
7) T n-Hexadecane (C16)	10.169	427198	2.948 ug/ml
8) T n-Octadecane (C18)	11.619	458359	3.084 ug/ml
10) T n-Eicosane (C20)	12.935	461026	3.212 ug/ml
11) T n-Heneicosane (C21)	13.549	445188	3.149 ug/ml
13) T n-Docosane (C22)	14.138	444635	3.162 ug/ml
14) T n-Tetracosane (C24)	15.245	434645	3.123 ug/ml
15) T n-Hexacosane (C26)	16.270	422966	3.123 ug/ml
16) T n-Octacosane (C28)	17.223	417482	3.172 ug/ml
17) T n-Tricontane (C30)	18.112	433238	3.266 ug/ml
18) T n-Dotriacontane (C32)	18.948	436986	3.465 ug/ml
19) T n-Tetratriacontane (C34)	19.733	417373	3.833 ug/ml
20) T n-Hexatriacontane (C36)	20.475	394558	4.226 ug/ml
21) T n-Octatriacontane (C38)	21.224	387130	4.412 ug/ml
22) T n-Tetracontane (C40)	22.161	349956	4.129 ug/ml

(f)=RT Delta > 1/2 Window

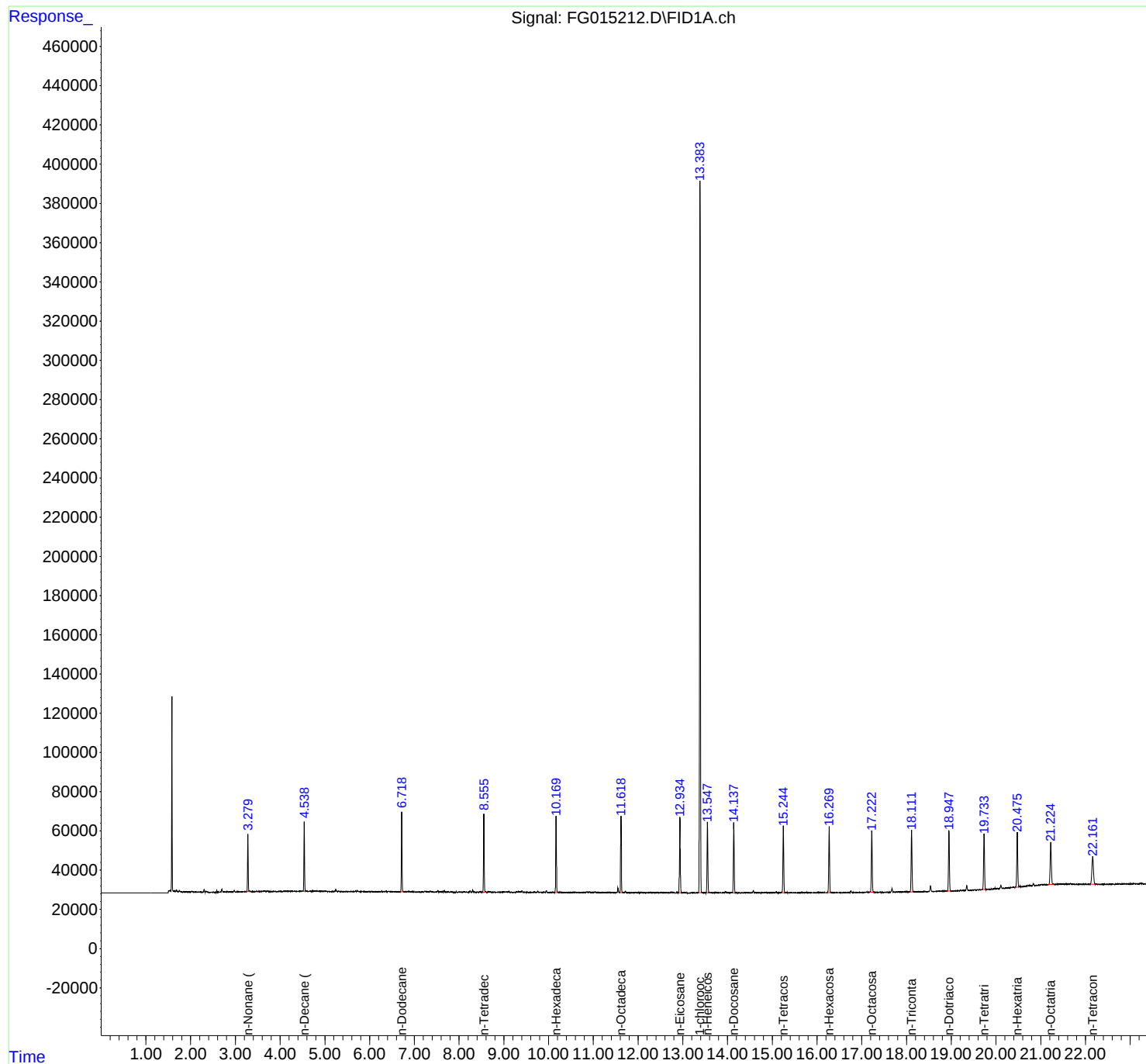
(m)=manual int.

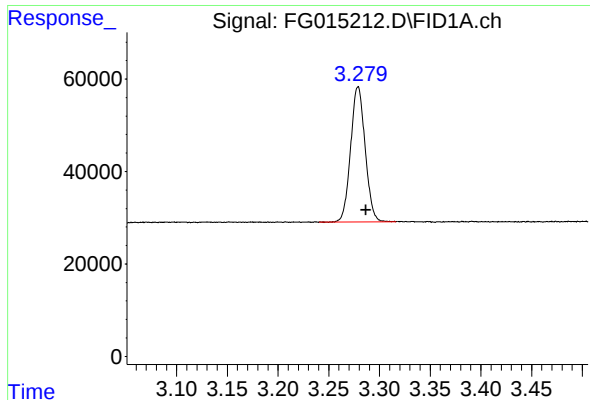
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012925AL\
Data File : FG015212.D
Signal(s) : FID1A.ch
Acq On : 29 Jan 2025 10:16
Operator : YP\AJ
Sample : Q1168-07
Misc : 4 PPM WATER LOD
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Integration File: autoint1.e
Quant Time: Jan 30 03:43:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 11:45:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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

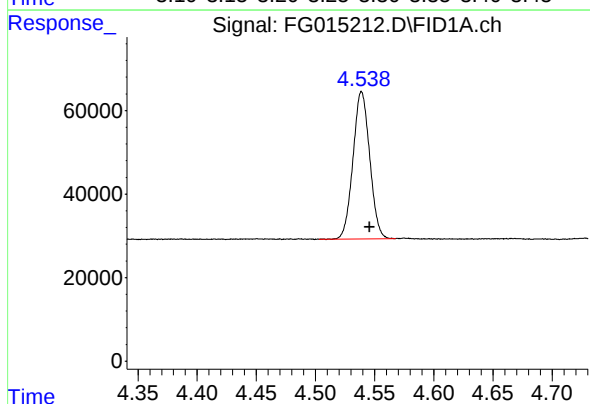




#1 n-Nonane (C9)

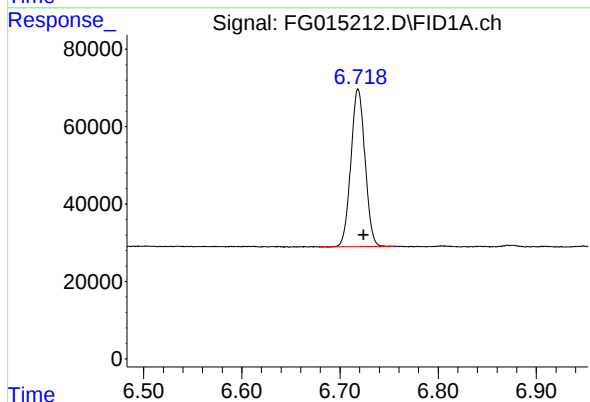
R.T.: 3.279 min
Delta R.T.: -0.008 min
Response: 291080
Conc: 2.24 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



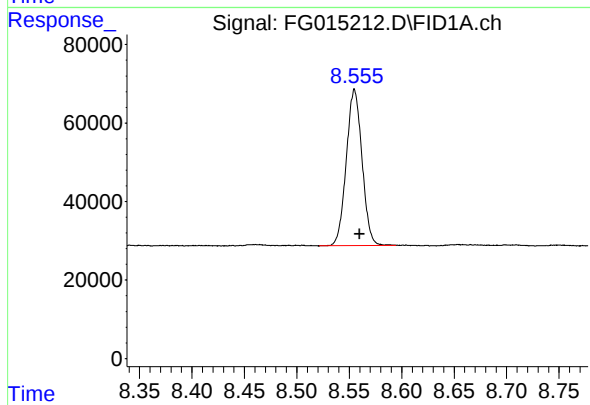
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: -0.007 min
Response: 346714
Conc: 2.61 ug/ml



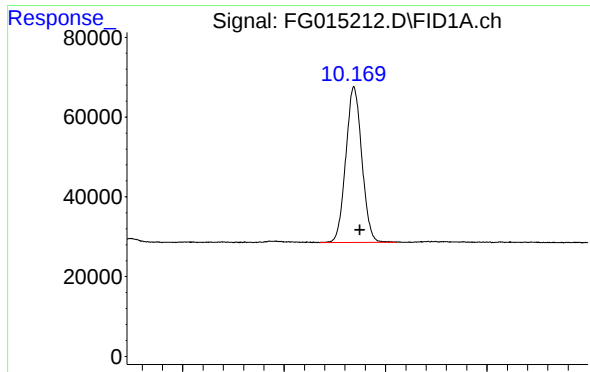
#4 n-Dodecane (C12)

R.T.: 6.719 min
Delta R.T.: -0.005 min
Response: 407077
Conc: 2.99 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: -0.005 min
Response: 415212
Conc: 3.02 ug/ml



#7 n-Hexadecane (C16)

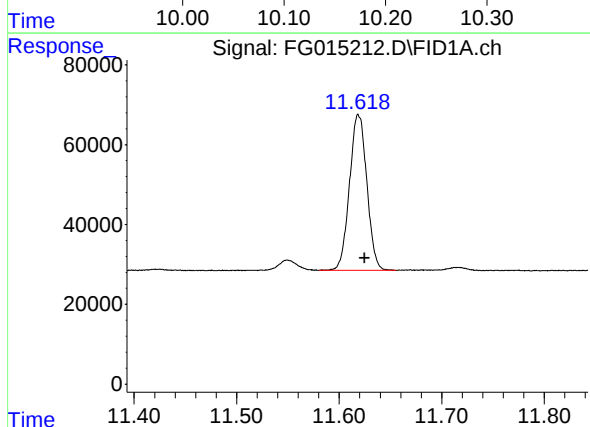
R.T.: 10.169 min
Delta R.T.: -0.006 min
Response: 427198
Conc: 2.95 ug/ml

Instrument :

FID_G

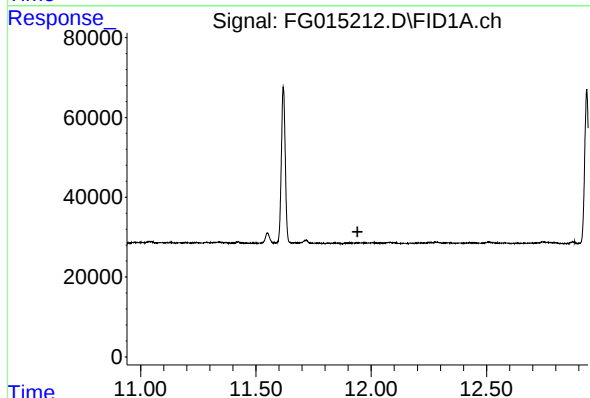
ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



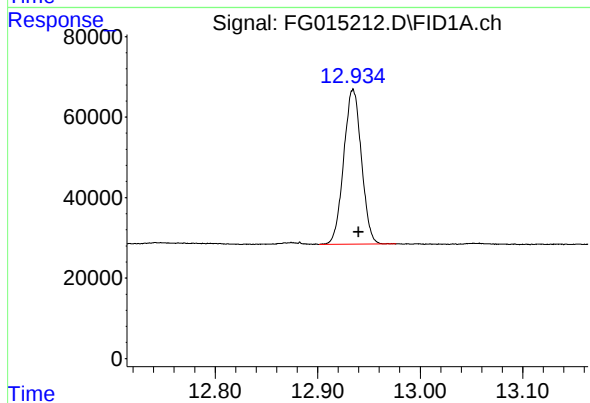
#8 n-Octadecane (C18)

R.T.: 11.619 min
Delta R.T.: -0.006 min
Response: 458359
Conc: 3.08 ug/ml



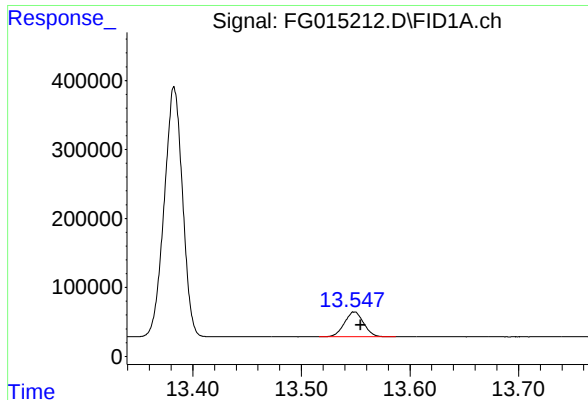
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.940 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: -0.006 min
Response: 461026
Conc: 3.21 ug/ml



#11 n-Heneicosane (C21)

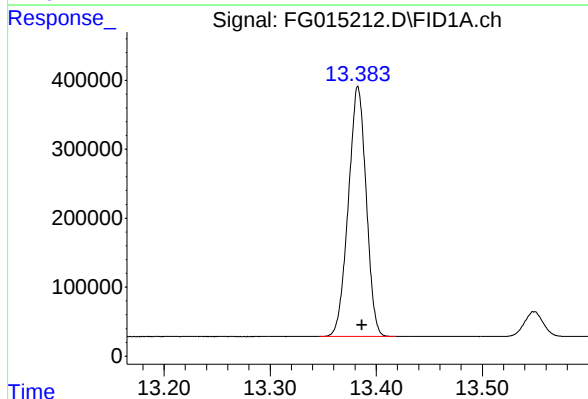
R.T.: 13.549 min
Delta R.T.: -0.006 min
Response: 445188
Conc: 3.15 ug/ml

Instrument :

FID_G

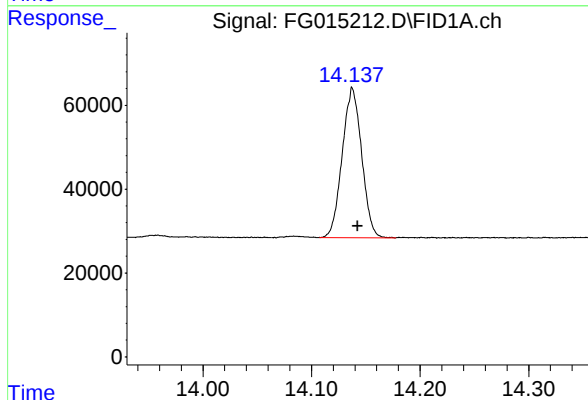
ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



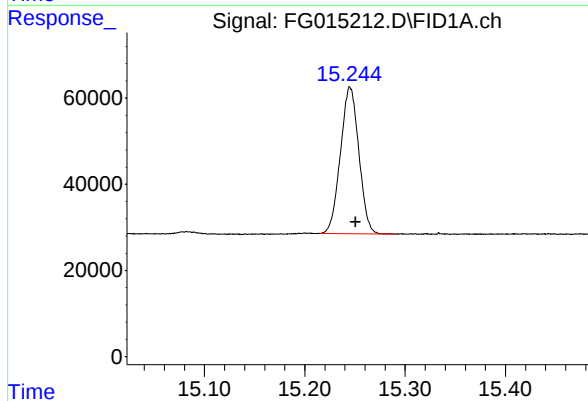
#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: -0.004 min
Response: 4237478
Conc: 34.80 ug/ml



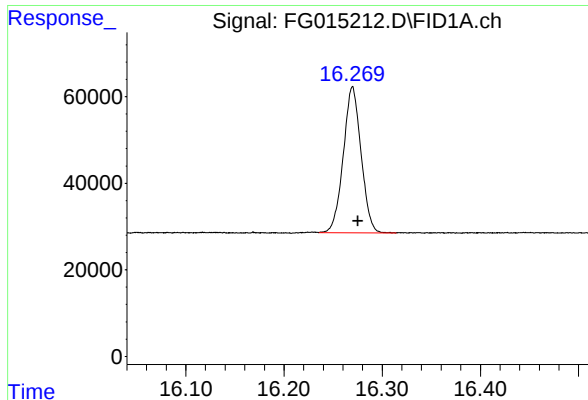
#13 n-Docosane (C22)

R.T.: 14.138 min
Delta R.T.: -0.005 min
Response: 444635
Conc: 3.16 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: -0.006 min
Response: 434645
Conc: 3.12 ug/ml



#15 n-Hexacosane (C26)

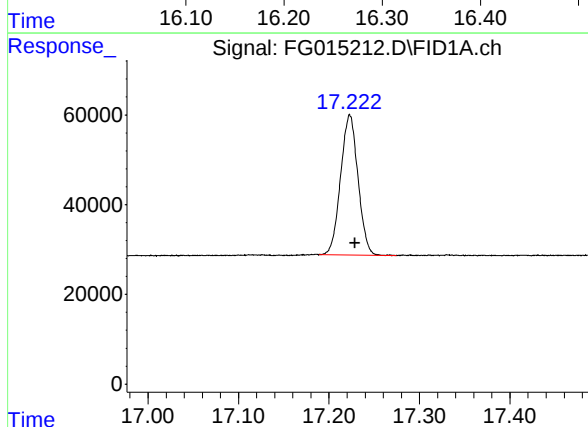
R.T.: 16.270 min
Delta R.T.: -0.006 min
Response: 422966
Conc: 3.12 ug/ml

Instrument :

FID_G

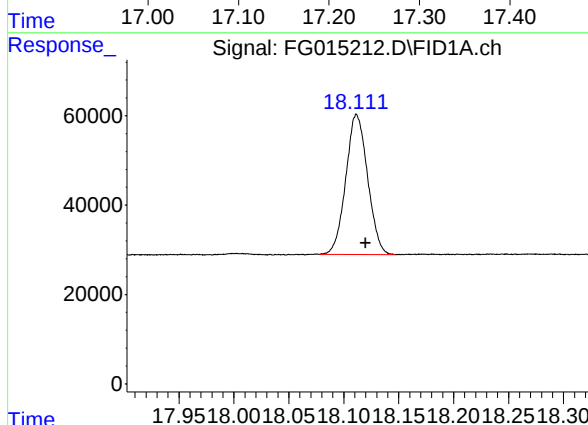
ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



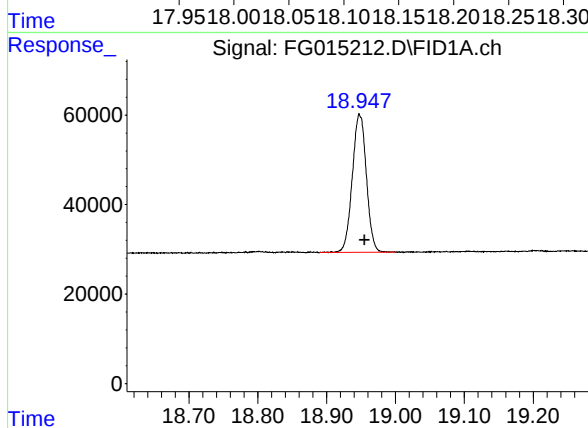
#16 n-Octacosane (C28)

R.T.: 17.223 min
Delta R.T.: -0.006 min
Response: 417482
Conc: 3.17 ug/ml



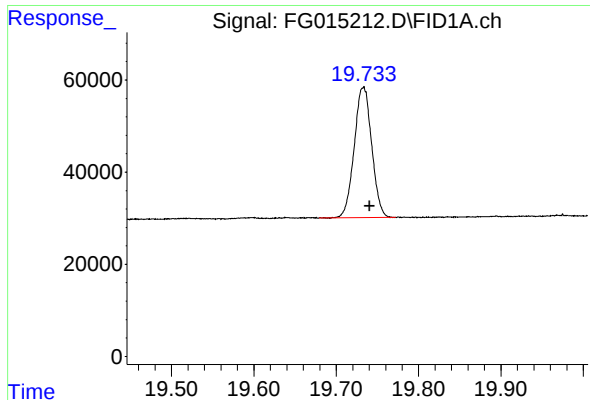
#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: -0.009 min
Response: 433238
Conc: 3.27 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.948 min
Delta R.T.: -0.007 min
Response: 436986
Conc: 3.46 ug/ml



#19 n-Tetratriacontane (C34)

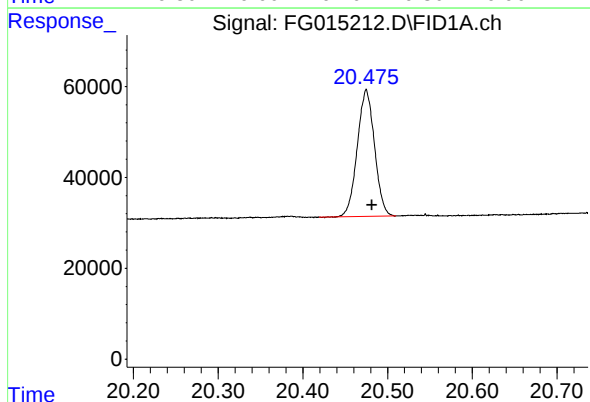
R.T.: 19.733 min
Delta R.T.: -0.008 min
Response: 417373
Conc: 3.83 ug/ml

Instrument :

FID_G

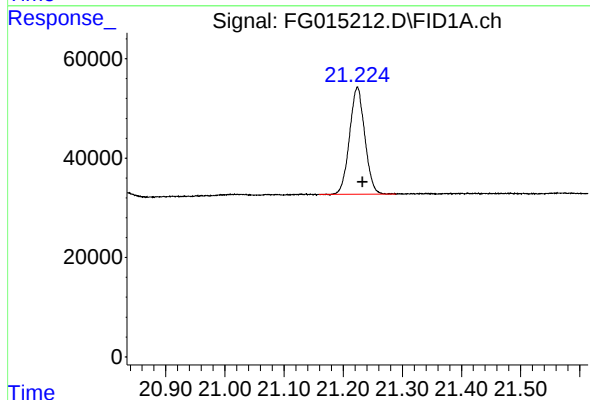
ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



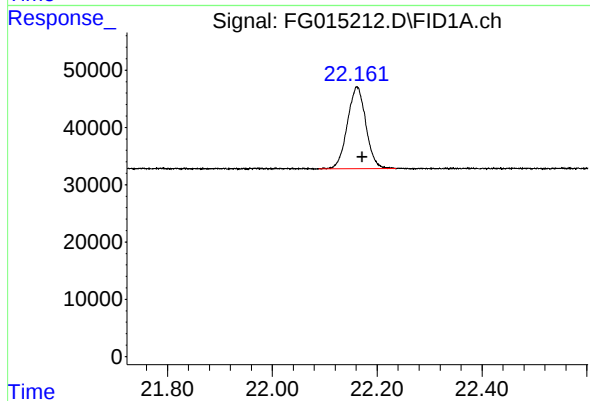
#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: -0.007 min
Response: 394558
Conc: 4.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: -0.009 min
Response: 387130
Conc: 4.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: -0.010 min
Response: 349956
Conc: 4.13 ug/ml