

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525AL\
 Data File : FG017097.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2025 16:49
 Operator : YP\AJ
 Sample : Q3530-07
 Misc : LOD-LOQ-WATER-0.25 ML-QT4-2025
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Integration File: autoint1.e
 Quant Time: Dec 06 03:15:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:54:45 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...	13.475	2040376	17.591 ug/ml
Spiked Amount 50.000		Recovery =	35.18%
Target Compounds			
1) T n-Nonane (C9)	3.356	160464	1.308 ug/ml
2) T n-Decane (C10)	4.615	197243	1.583 ug/ml
4) T n-Dodecane (C12)	6.795	259808	2.047 ug/ml
6) T n-Tetradecane (C14)	8.635	254931	2.041 ug/ml
7) T n-Hexadecane (C16)	10.253	233687	1.818 ug/ml
8) T n-Octadecane (C18)	11.705	258915	1.907 ug/ml
10) T n-Eicosane (C20)	13.024	302247	2.209 ug/ml
11) T n-Heneicosane (C21)	13.640	259162	1.911 ug/ml
13) T n-Docosane (C22)	14.230	277928	2.024 ug/ml
14) T n-Tetracosane (C24)	15.342	258980	1.831 ug/ml
15) T n-Hexacosane (C26)	16.370	245578	1.769 ug/ml
16) T n-Octacosane (C28)	17.326	241263	1.723 ug/ml
17) T n-Tricontane (C30)	18.219	245387	1.653 ug/ml
18) T n-Dotriacontane (C32)	19.056	248440	1.659 ug/ml
19) T n-Tetratriacontane (C34)	19.845	235140	1.791 ug/ml
20) T n-Hexatriacontane (C36)	20.588	214265	2.035 ug/ml
21) T n-Octatriacontane (C38)	21.362	212232	2.317 ug/ml
22) T n-Tetracontane (C40)	22.340	202089	2.479 ug/ml

(f)=RT Delta > 1/2 Window

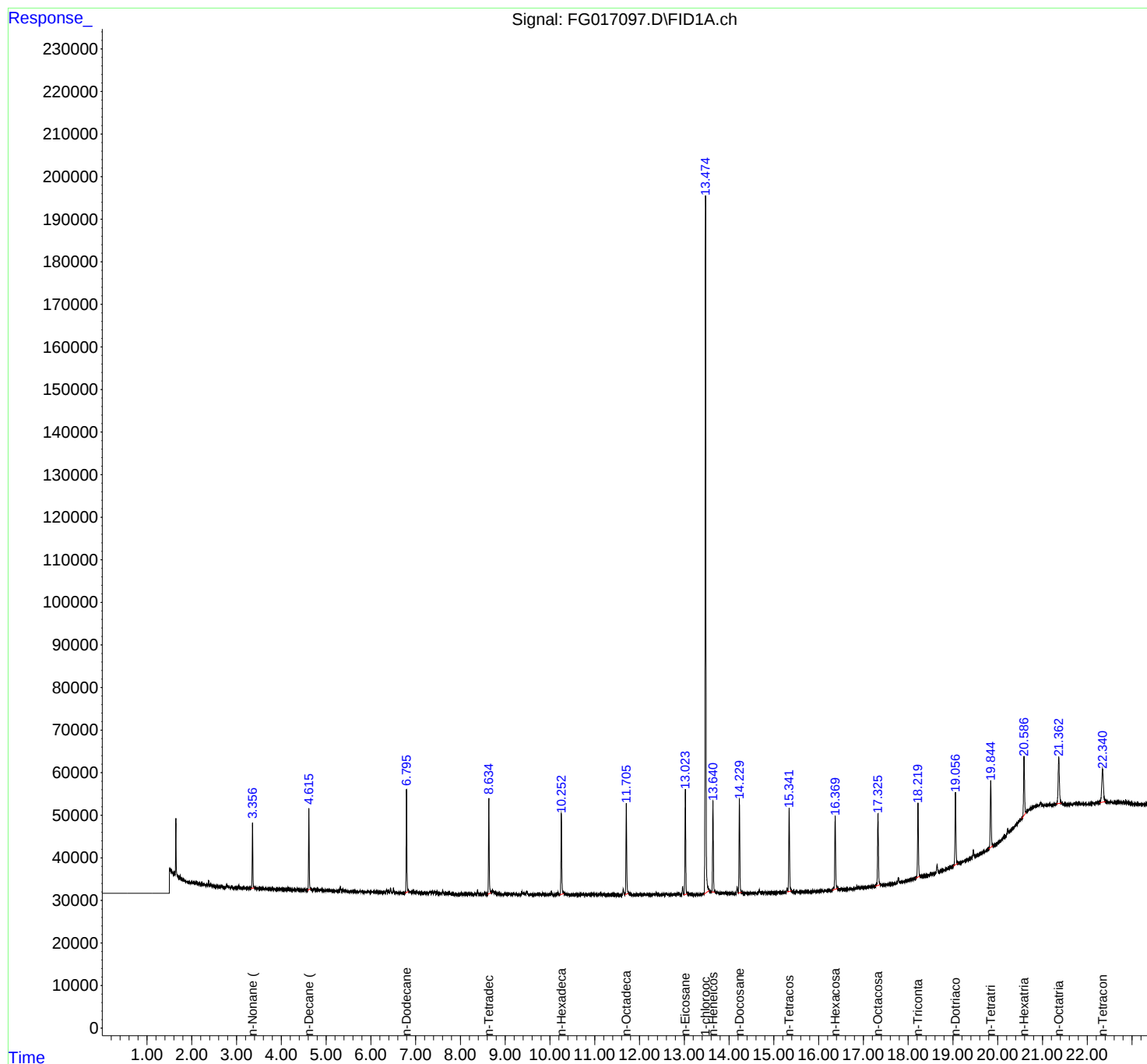
(m)=manual int.

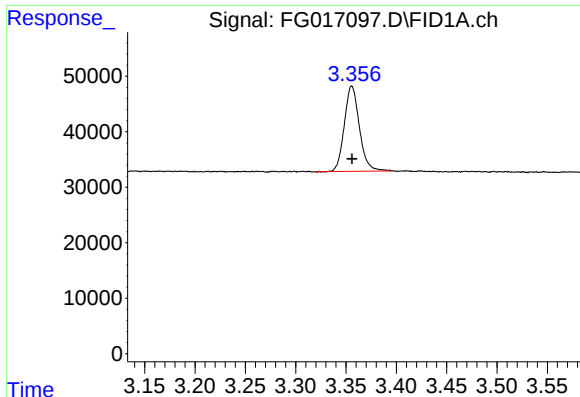
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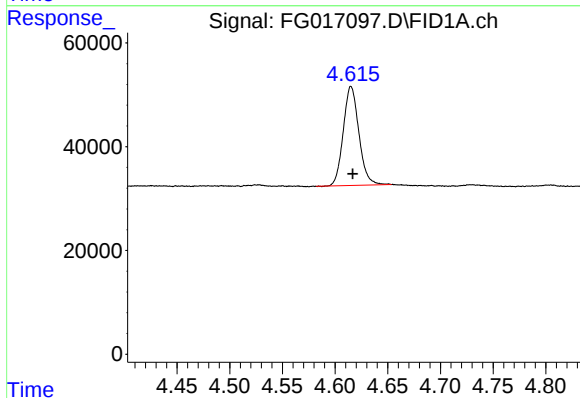




#1 n-Nonane (C9)

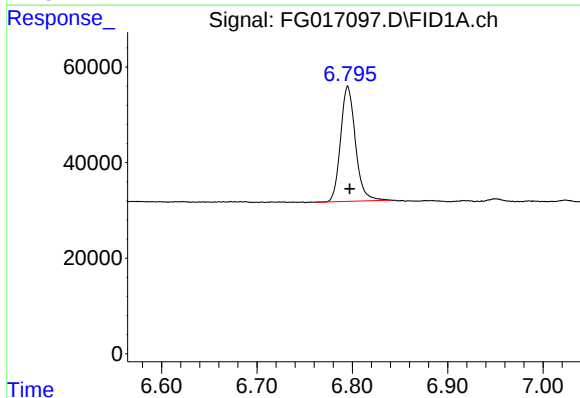
R.T.: 3.356 min
Delta R.T.: 0.000 min
Response: 160464
Conc: 1.31 ug/ml

Instrument :
FID_G
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LOD-MDL-WATER-01-QT4-2025



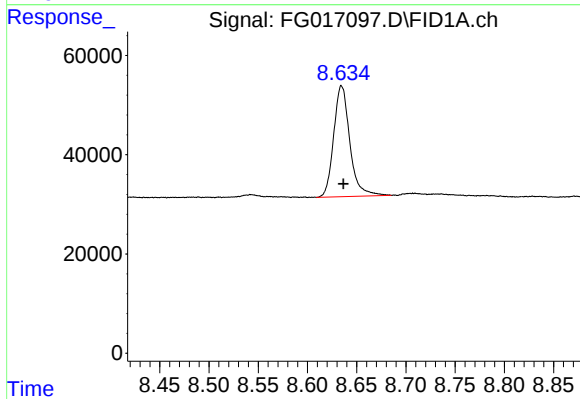
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 197243
Conc: 1.58 ug/ml



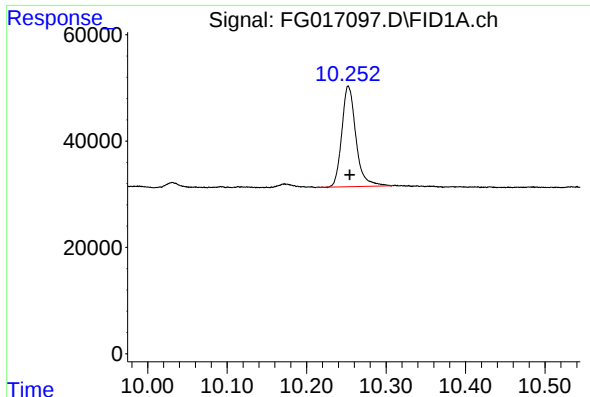
#4 n-Dodecane (C12)

R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 259808
Conc: 2.05 ug/ml



#6 n-Tetradecane (C14)

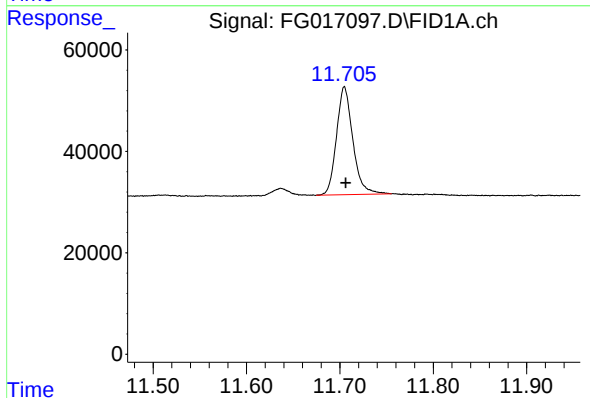
R.T.: 8.635 min
Delta R.T.: -0.002 min
Response: 254931
Conc: 2.04 ug/ml



#7 n-Hexadecane (C16)

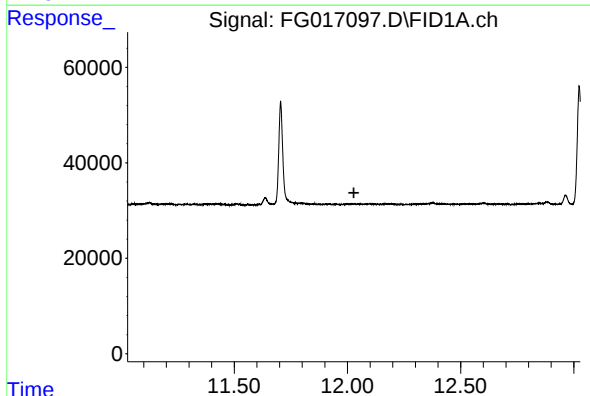
R.T.: 10.253 min
Delta R.T.: -0.002 min
Response: 233687
Conc: 1.82 ug/ml

Instrument :
FID_G
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LOD-MDL-WATER-01-QT4-2025



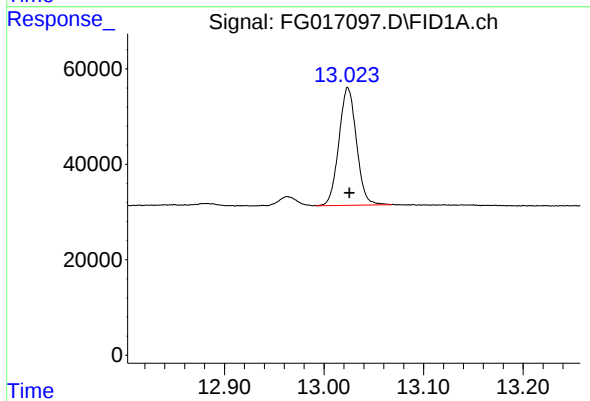
#8 n-Octadecane (C18)

R.T.: 11.705 min
Delta R.T.: -0.002 min
Response: 258915
Conc: 1.91 ug/ml



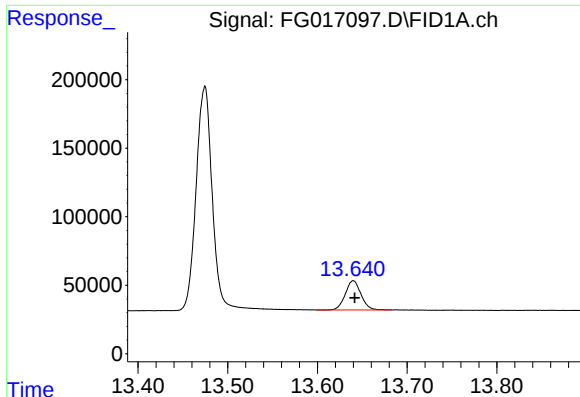
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.028 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 13.024 min
Delta R.T.: -0.002 min
Response: 302247
Conc: 2.21 ug/ml



#11 n-Heneicosane (C21)

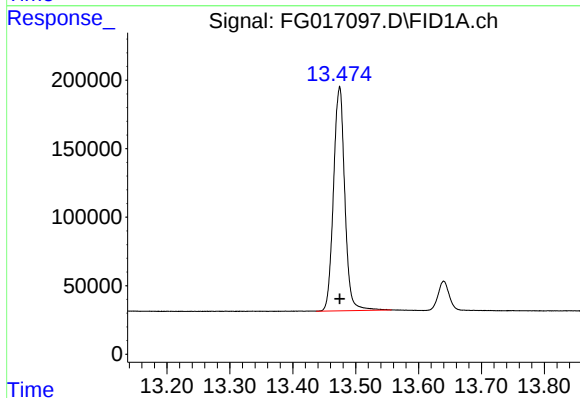
R.T.: 13.640 min
Delta R.T.: -0.002 min
Response: 259162
Conc: 1.91 ug/ml

Instrument :

FID_G

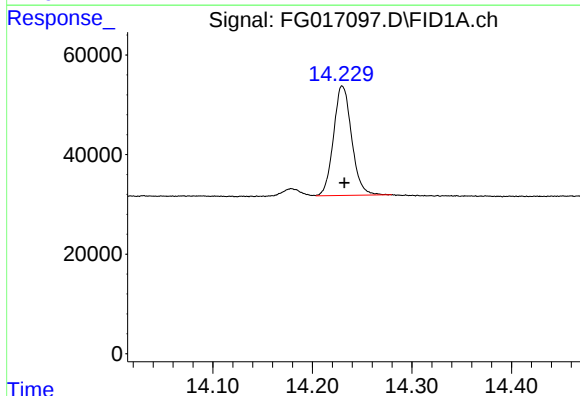
ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



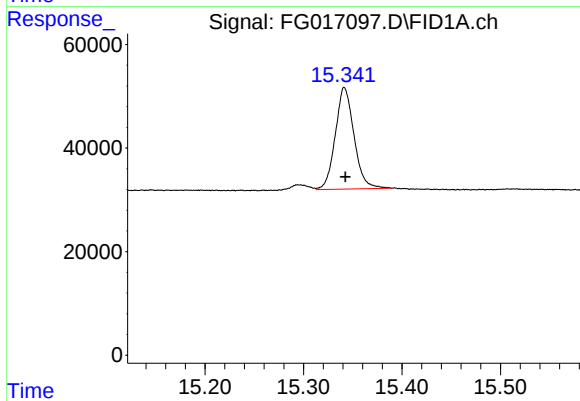
#12 1-chlorooctadecane (SURR)

R.T.: 13.475 min
Delta R.T.: 0.000 min
Response: 2040376
Conc: 17.59 ug/ml



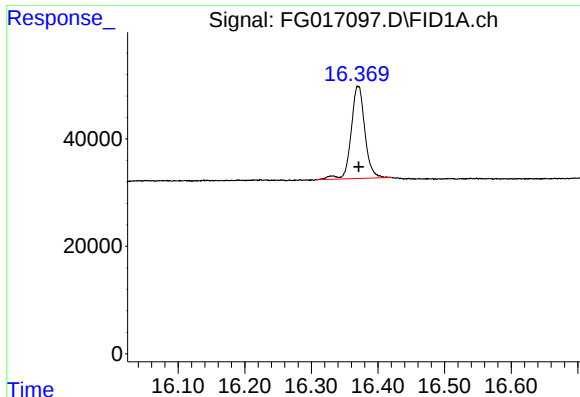
#13 n-Docosane (C22)

R.T.: 14.230 min
Delta R.T.: -0.002 min
Response: 277928
Conc: 2.02 ug/ml



#14 n-Tetracosane (C24)

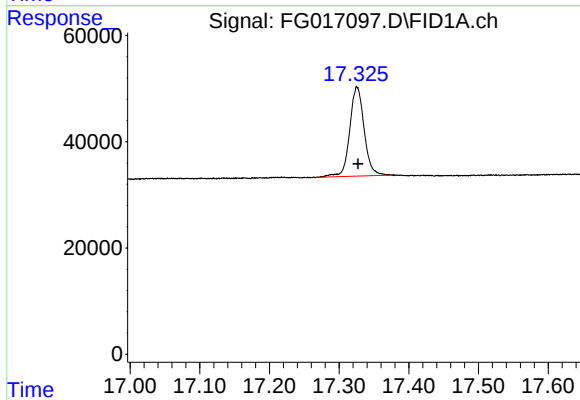
R.T.: 15.342 min
Delta R.T.: 0.000 min
Response: 258980
Conc: 1.83 ug/ml



#15 n-Hexacosane (C26)

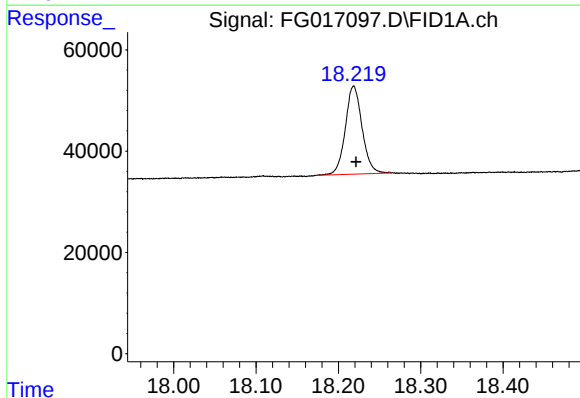
R.T.: 16.370 min
Delta R.T.: 0.000 min
Response: 245578
Conc: 1.77 ug/ml

Instrument :
FID_G
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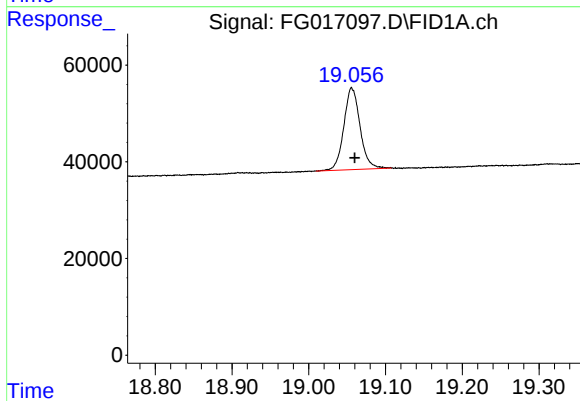
#16 n-Octacosane (C28)

R.T.: 17.326 min
Delta R.T.: -0.001 min
Response: 241263
Conc: 1.72 ug/ml



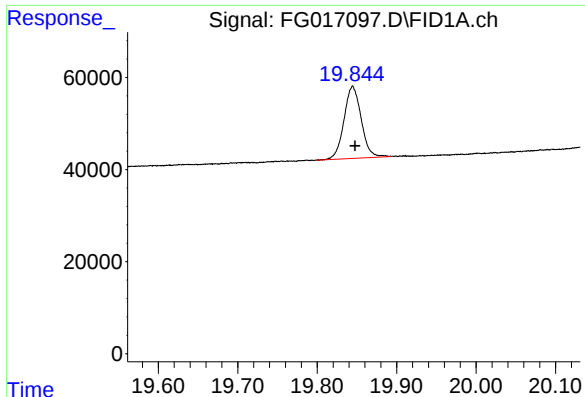
#17 n-Tricontane (C30)

R.T.: 18.219 min
Delta R.T.: -0.003 min
Response: 245387
Conc: 1.65 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.056 min
Delta R.T.: -0.004 min
Response: 248440
Conc: 1.66 ug/ml



#19 n-Tetratriacontane (C34)

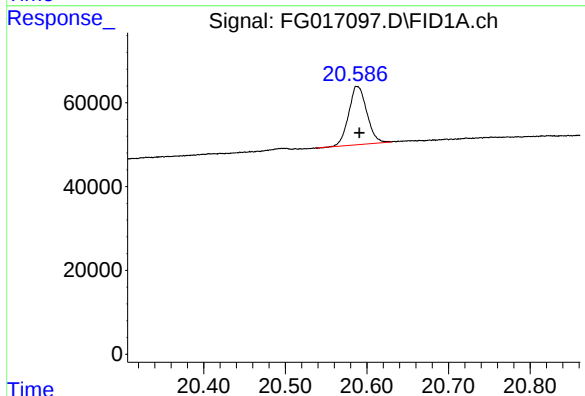
R.T.: 19.845 min
Delta R.T.: -0.003 min
Response: 235140
Conc: 1.79 ug/ml

Instrument :

FID_G

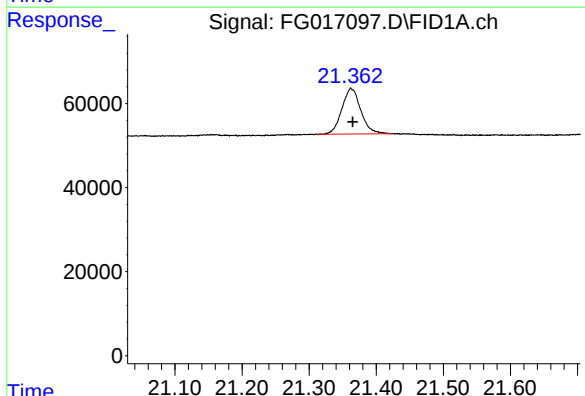
ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



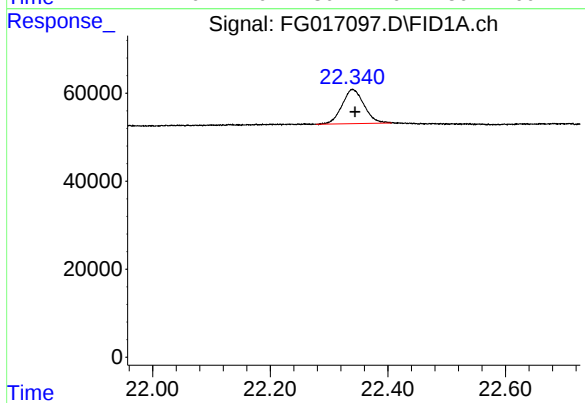
#20 n-Hexatriacontane (C36)

R.T.: 20.588 min
Delta R.T.: -0.003 min
Response: 214265
Conc: 2.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.362 min
Delta R.T.: -0.003 min
Response: 212232
Conc: 2.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.340 min
Delta R.T.: -0.004 min
Response: 202089
Conc: 2.48 ug/ml