

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012425\
 Data File : FG015167.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 14:04
 Operator : YP\AJ
 Sample : Q1168-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-06-QT1-2025

Integration File: autoint1.e
 Quant Time: Jan 25 00:19:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Fri Jan 24 12:51:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.045	2044355	15.937 ug/ml
Target Compounds			
1) N-OCTANE	2.010	115448	0.946 ug/ml
2) N-DECANE	4.541	127593	0.988 ug/ml
3) N-DODECANE	6.721	132644	0.974 ug/ml
4) N-TETRADECANE	8.557	136784	0.999 ug/ml
5) N-HEXADECANE	10.172	139305	0.987 ug/ml
6) N-OCTADECANE	11.621	140412	0.957 ug/ml
7) N-EICOSANE	12.936	141789	0.975 ug/ml
8) N-DOCOSANE	14.139	137270	0.957 ug/ml
10) N-TETRACOSANE	15.247	133386	0.934 ug/ml
11) N-HEXACOSANE	16.272	132270	0.939 ug/ml
12) N-OCTACOSANE	17.224	130634	0.933 ug/ml
13) N-TRIACONTANE	18.115	137198	0.964 ug/ml
14) N-DOTRIACONTANE	18.949	138992	1.000 ug/ml
15) N-TETRATRIACONTANE	19.734	127356	1.016 ug/ml
16) N-HEXATRIACONTANE	20.476	111595	1.033 ug/ml
17) N-OCTATRIACONTANE	21.226	105974	1.074 ug/ml
18) N-TETRACONTANE	22.162	92209	0.993 ug/ml

(f)=RT Delta > 1/2 Window

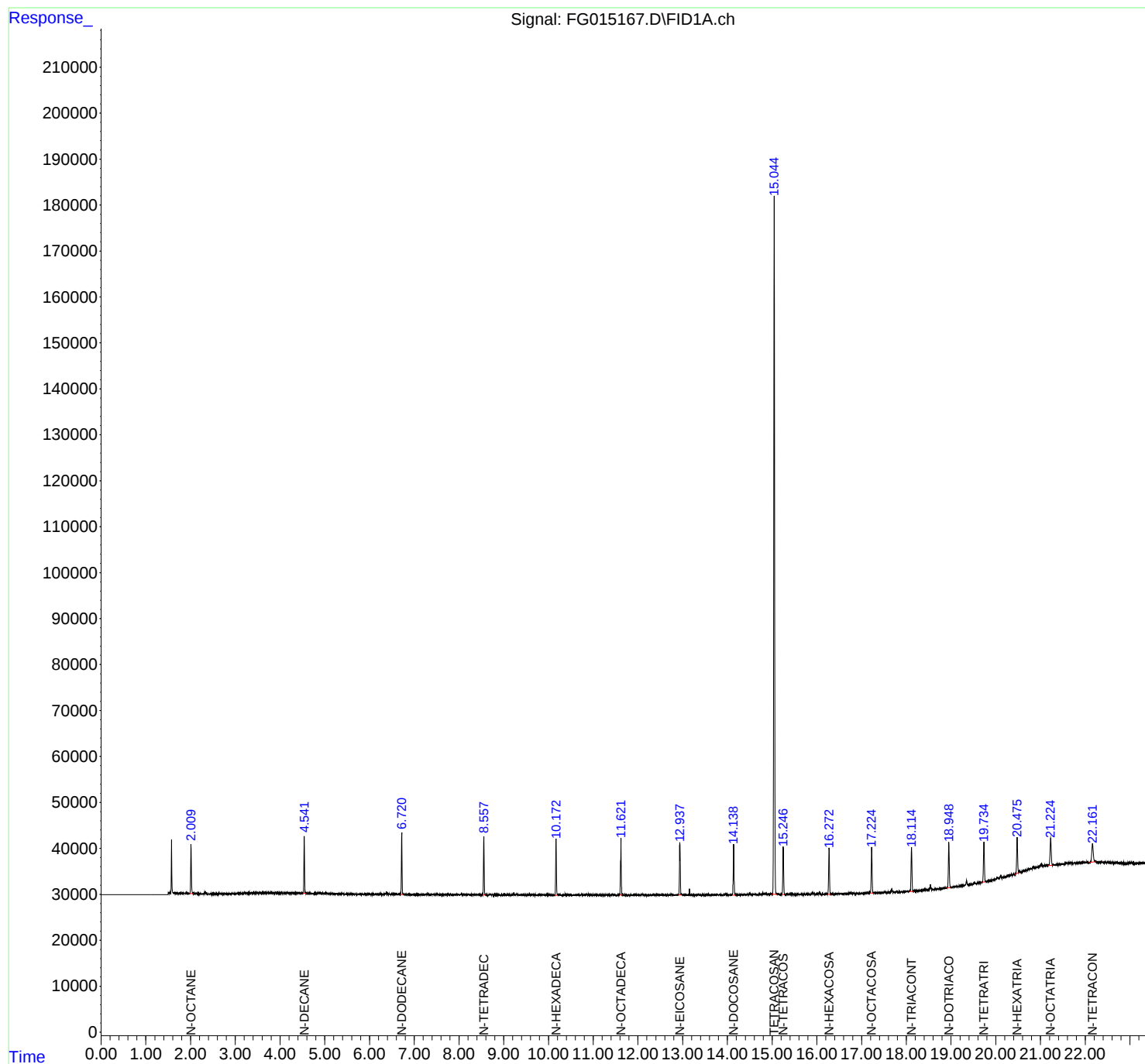
(m)=manual int.

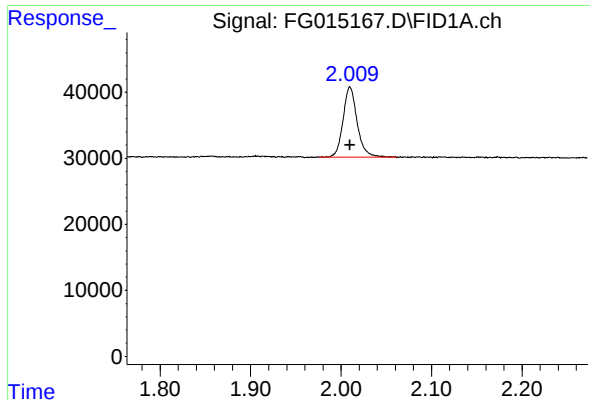
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Signal Info : 20mx0.18mmx0.18um

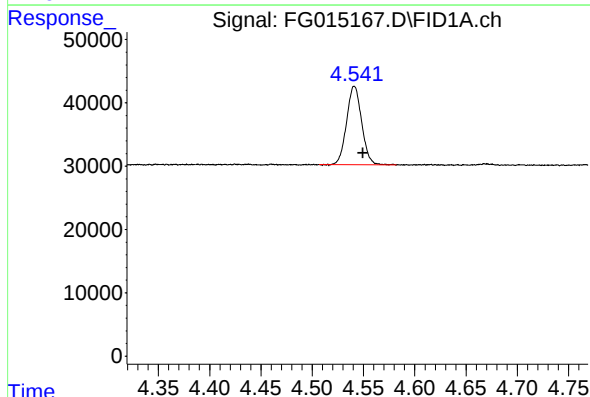




#1 N-OCTANE

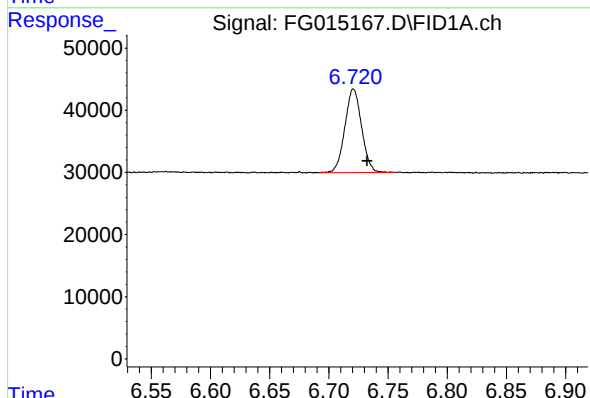
R.T.: 2.010 min
Delta R.T.: 0.000 min
Response: 115448
Conc: 0.95 ug/ml

Instrument :
FID_G
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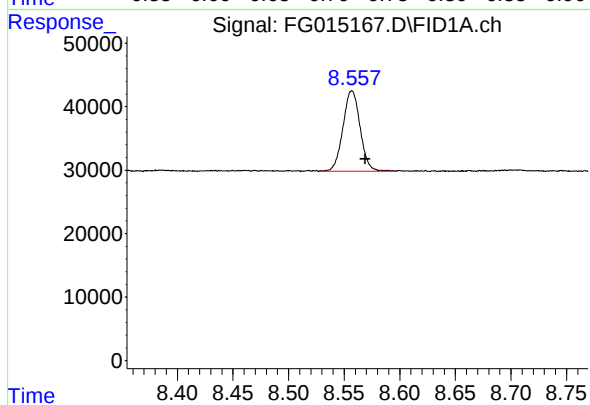
#2 N-DECANE

R.T.: 4.541 min
Delta R.T.: -0.008 min
Response: 127593
Conc: 0.99 ug/ml



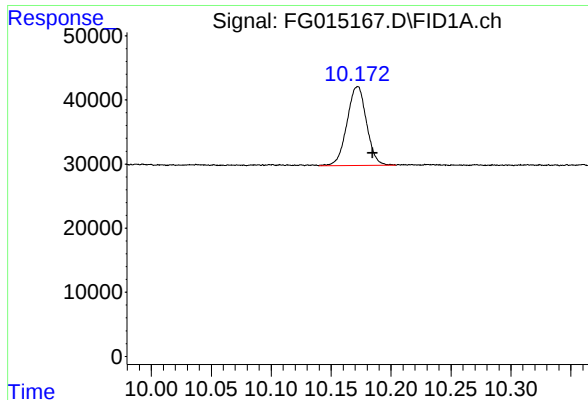
#3 N-DODECANE

R.T.: 6.721 min
Delta R.T.: -0.012 min
Response: 132644
Conc: 0.97 ug/ml



#4 N-TETRADECANE

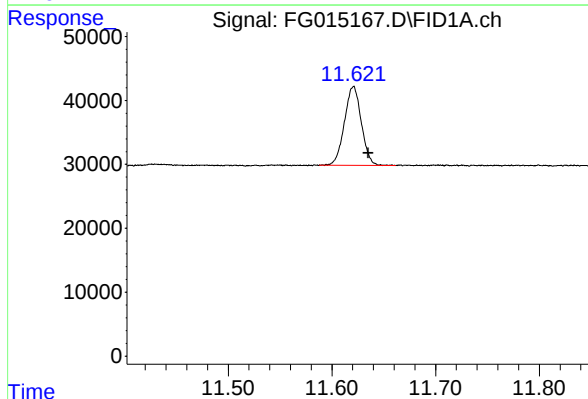
R.T.: 8.557 min
Delta R.T.: -0.012 min
Response: 136784
Conc: 1.00 ug/ml



#5 N-HEXADECANE

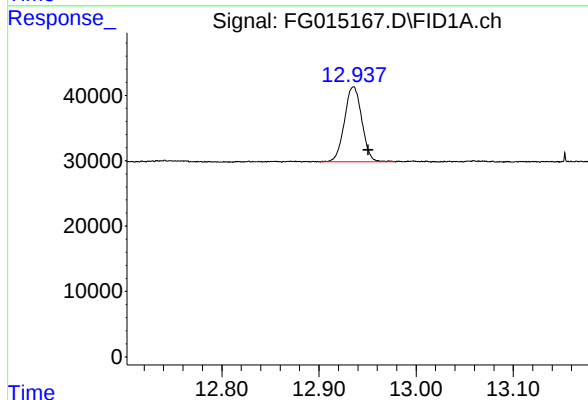
R.T.: 10.172 min
Delta R.T.: -0.012 min
Response: 139305
Conc: 0.99 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-WATER-06-QT1-2025



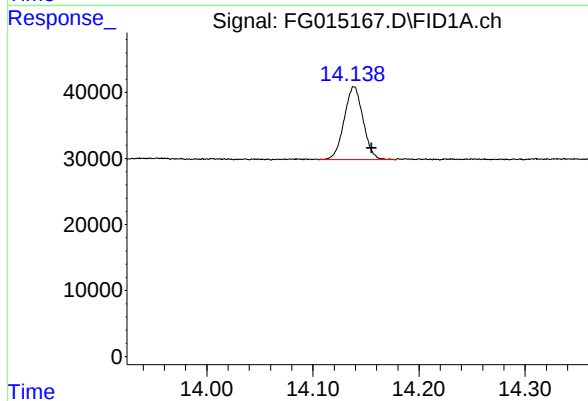
#6 N-OCTADECANE

R.T.: 11.621 min
Delta R.T.: -0.014 min
Response: 140412
Conc: 0.96 ug/ml



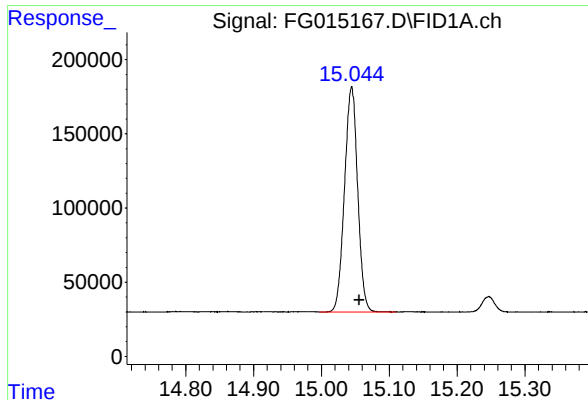
#7 N-EICOSANE

R.T.: 12.936 min
Delta R.T.: -0.015 min
Response: 141789
Conc: 0.98 ug/ml



#8 N-DOCOSANE

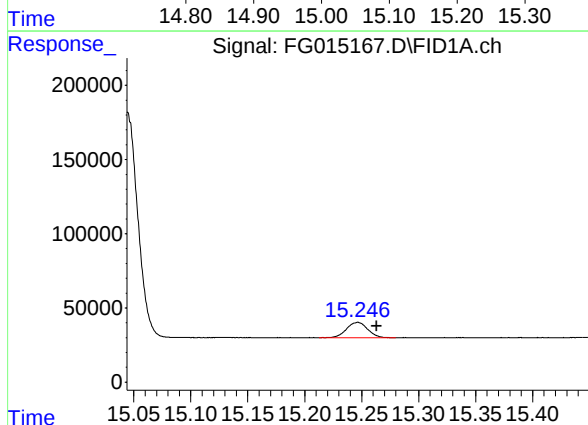
R.T.: 14.139 min
Delta R.T.: -0.016 min
Response: 137270
Conc: 0.96 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

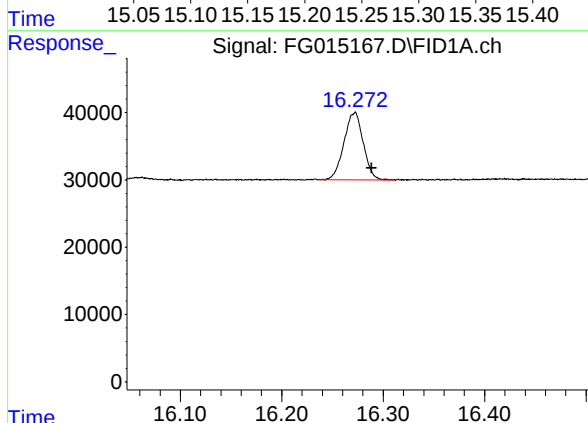
R.T.: 15.045 min
Delta R.T.: -0.012 min
Response: 2044355
Conc: 15.94 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-WATER-06-QT1-2025



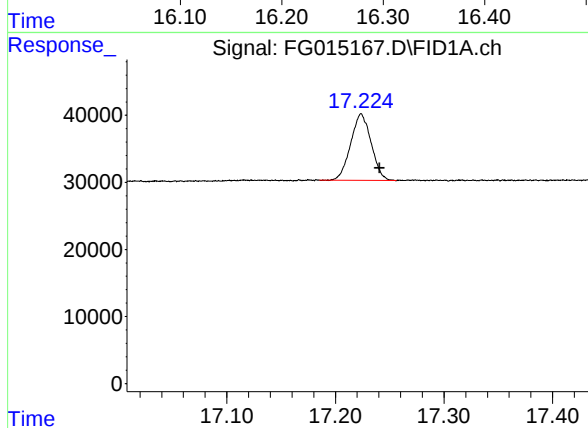
#10 N-TETRACOSANE

R.T.: 15.247 min
Delta R.T.: -0.017 min
Response: 133386
Conc: 0.93 ug/ml



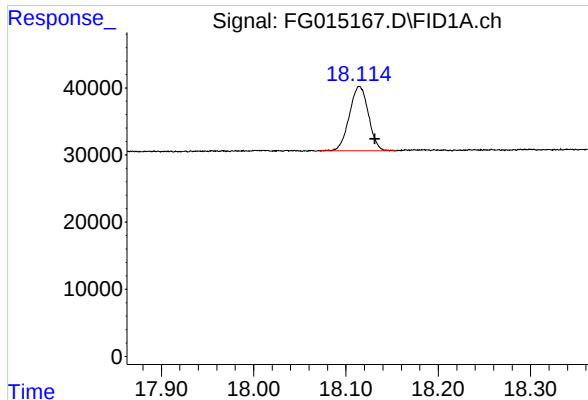
#11 N-HEXACOSANE

R.T.: 16.272 min
Delta R.T.: -0.016 min
Response: 132270
Conc: 0.94 ug/ml



#12 N-OCTACOSANE

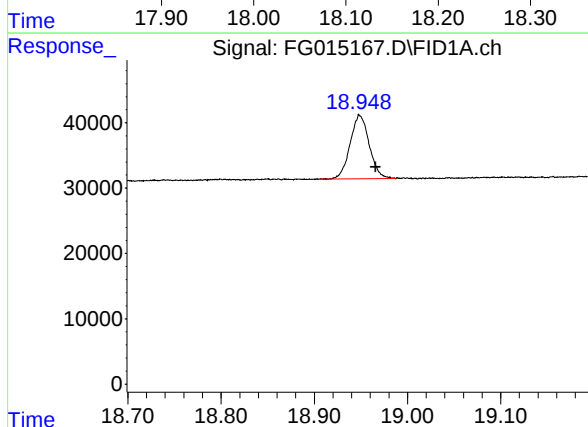
R.T.: 17.224 min
Delta R.T.: -0.017 min
Response: 130634
Conc: 0.93 ug/ml



#13 N-TRIACONTANE

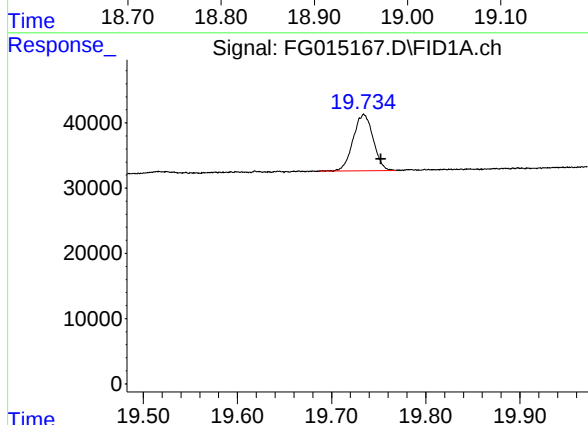
R.T.: 18.115 min
Delta R.T.: -0.017 min
Response: 137198
Conc: 0.96 ug/ml

Instrument :
FID_G
ClientSampleId :
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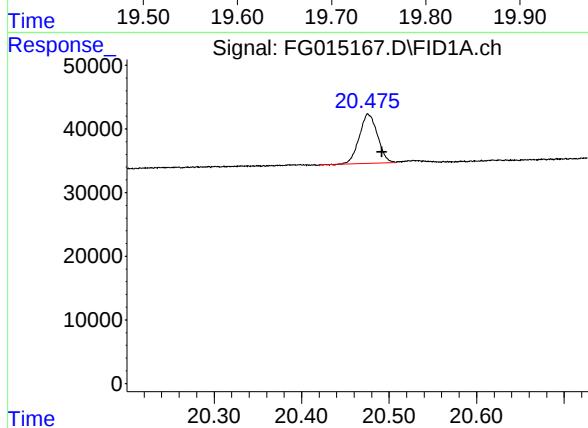
#14 N-DOTRIACONTANE

R.T.: 18.949 min
Delta R.T.: -0.017 min
Response: 138992
Conc: 1.00 ug/ml



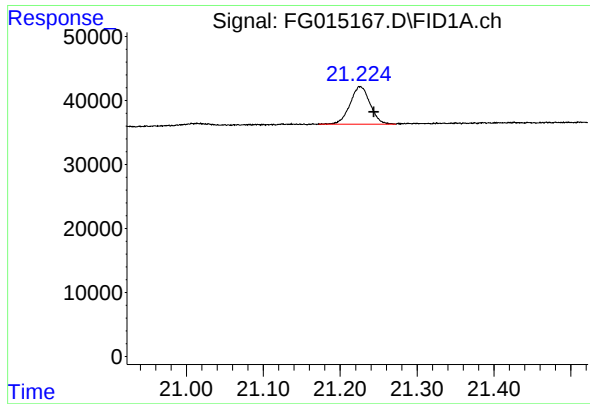
#15 N-TETRATRIACONTANE

R.T.: 19.734 min
Delta R.T.: -0.018 min
Response: 127356
Conc: 1.02 ug/ml



#16 N-HEXATRIACONTANE

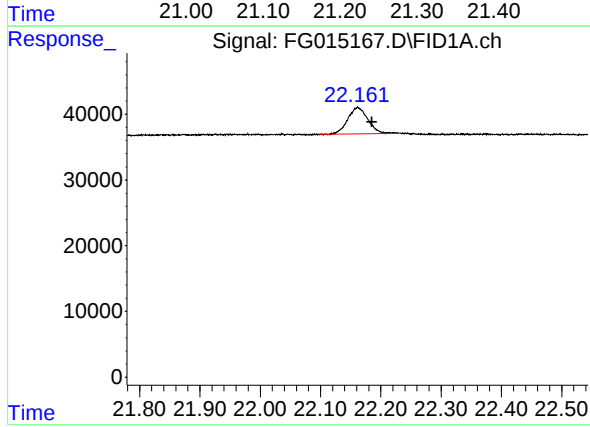
R.T.: 20.476 min
Delta R.T.: -0.016 min
Response: 111595
Conc: 1.03 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.226 min
Delta R.T.: -0.019 min
Response: 105974
Conc: 1.07 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-WATER-06-QT1-2025



#18 N-TETRACONTANE

R.T.: 22.162 min
Delta R.T.: -0.024 min
Response: 92209
Conc: 0.99 ug/ml