

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122121\
 Data File : FF009498.D
 Signal(s) : FID2B.ch
 Acq On : 21 Dec 2021 18:05
 Operator : AJ\MA
 Sample : M5181-02MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/22/2021
 Supervised By :mohammad ahmed 12/22/2021

Integration File: autoint1.e
 Quant Time: Dec 22 00:20:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF121521.M
 Quant Title :
 QLast Update : Thu Dec 16 03:33:07 2021
 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...	14.502	2250670	19.429 ug/mlm
Target Compounds			
1) N-OCTANE	2.187	2584407	18.659 ug/ml
2) N-DECANE	4.265	5767172	40.449 ug/mlm
3) N-DODECANE	6.252	10106636	69.886 ug/mlm
4) N-TETRADECANE	8.043	3012759	20.721 ug/mlm
5) N-HEXADECANE	9.678	5803490	40.409 ug/mlm
6) N-OCTADECANE	11.119	3777075	26.170 ug/mlm
7) N-EICOSANE	12.426	4289298	30.266 ug/mlm
8) N-DOCOSANE	13.613	3923444	28.793 ug/mlm
10) N-TETRACOSANE	14.706	3497480	26.563 ug/mlm
11) N-HEXACOSANE	15.721	2793086	22.348 ug/mlm
12) N-OCTACOSANE	16.669	4560085	38.295 ug/mlm
13) N-TRIACONTANE	17.547	3044419	26.578 ug/mlm
14) N-DOTRIACONTANE	18.376	2904400	26.577 ug/mlm
15) N-TETRATRIACONTANE	19.156	3916044	36.969 ug/mlm
16) N-HEXATRIACONTANE	19.891	1966784	19.636 ug/ml
17) N-OCTATRIACONTANE	20.596	2019723	20.569 ug/ml
18) N-TETRACONTANE	21.428	2278846	22.564 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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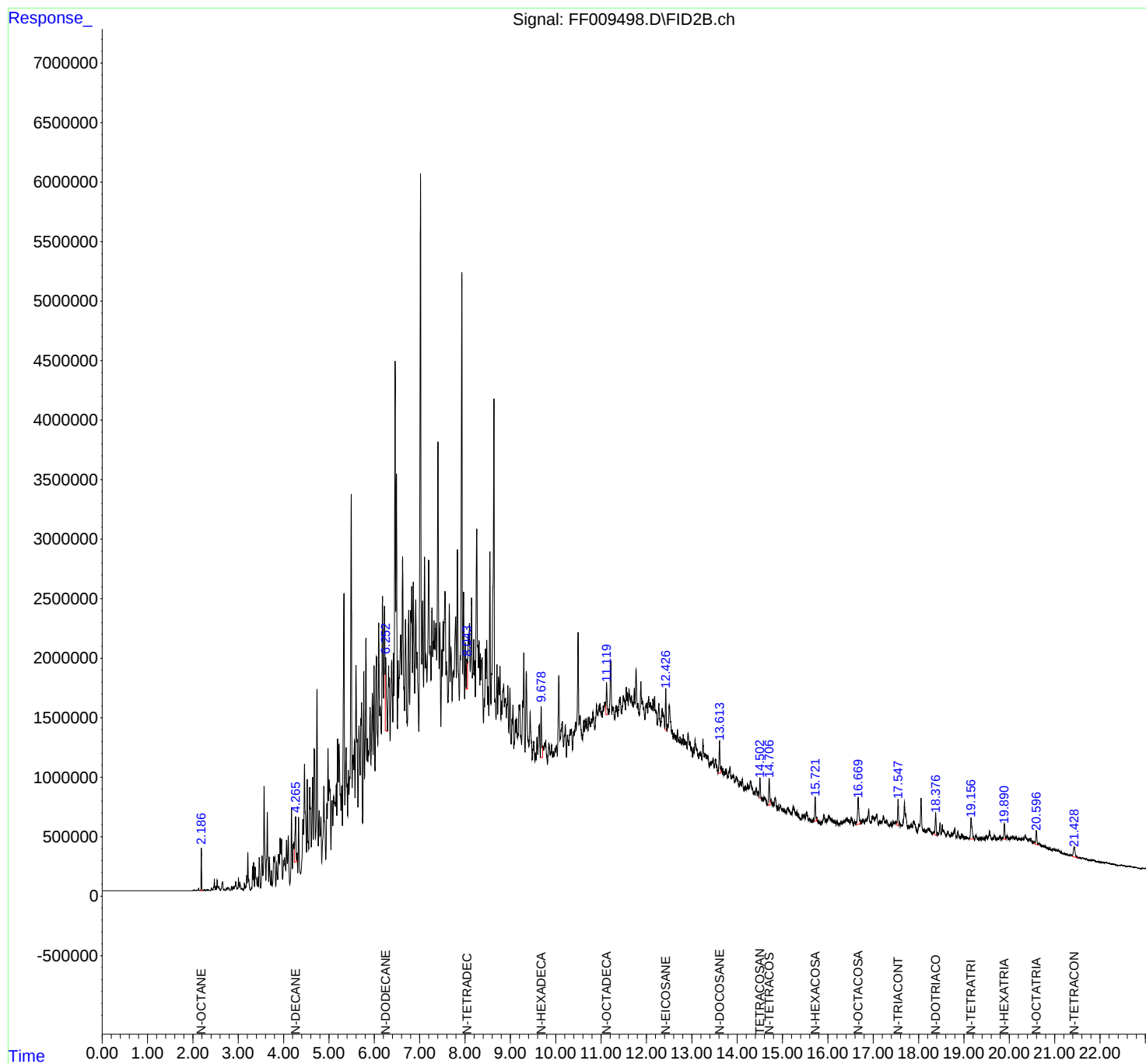
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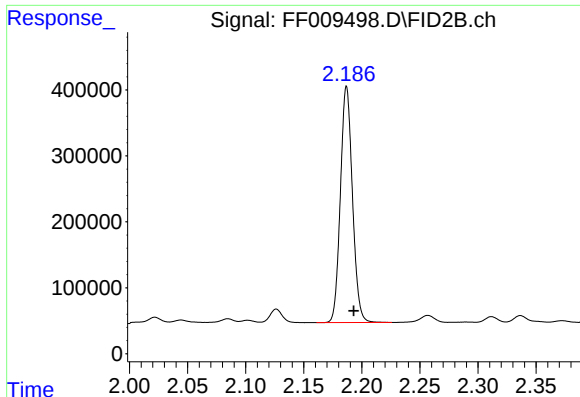
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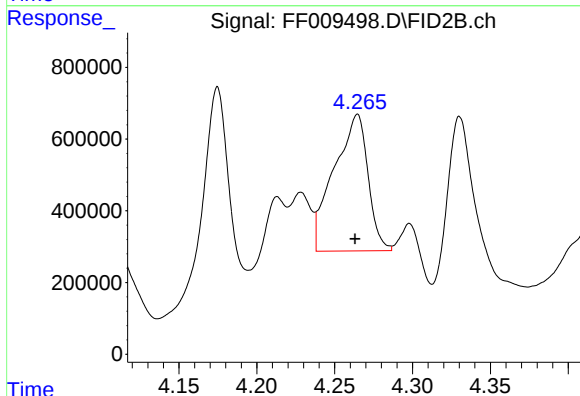
#1 N-OCTANE

R.T.: 2.187 min
Delta R.T.: -0.006 min
Response: 2584407
Conc: 18.66 ug/ml

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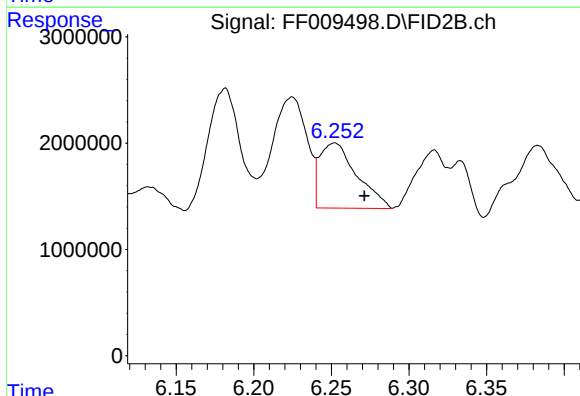
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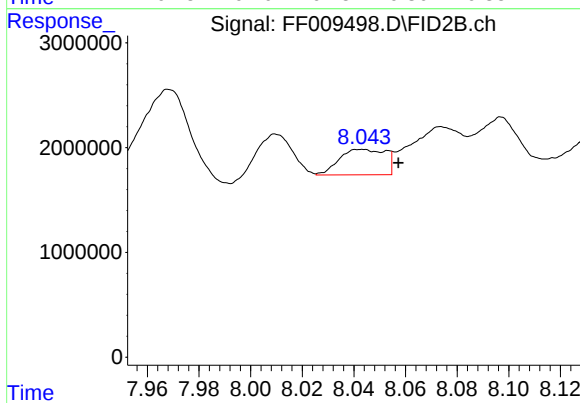
#2 N-DECANE

R.T.: 4.265 min
Delta R.T.: 0.001 min
Response: 5767172
Conc: 40.45 ug/ml m



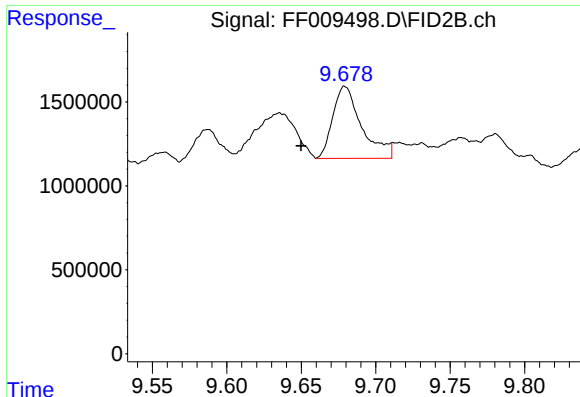
#3 N-DODECANE

R.T.: 6.252 min
Delta R.T.: -0.019 min
Response: 10106636
Conc: 69.89 ug/ml m



#4 N-TETRADECANE

R.T.: 8.043 min
Delta R.T.: -0.014 min
Response: 3012759
Conc: 20.72 ug/ml m



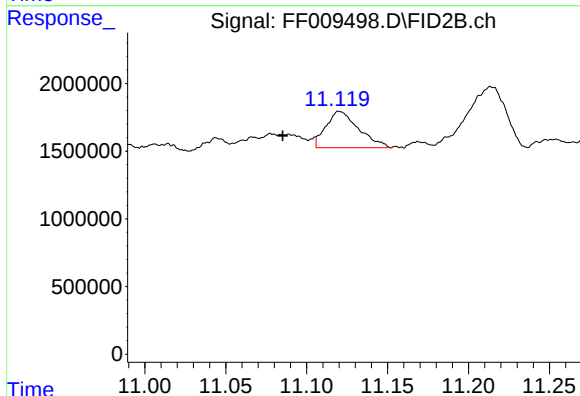
#5 N-HEXADECANE

R.T.: 9.678 min
Delta R.T.: 0.029 min
Response: 5803490
Conc: 40.41 ug/ml

Instrument : FID_F
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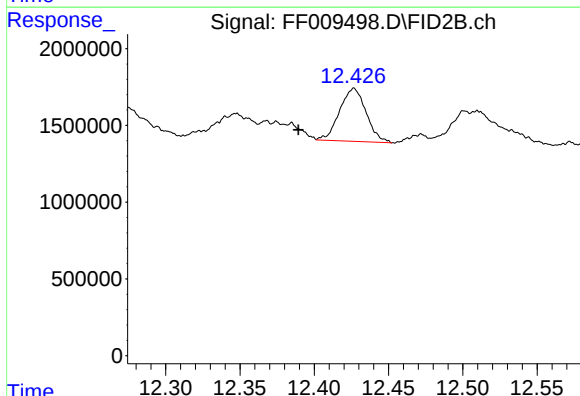
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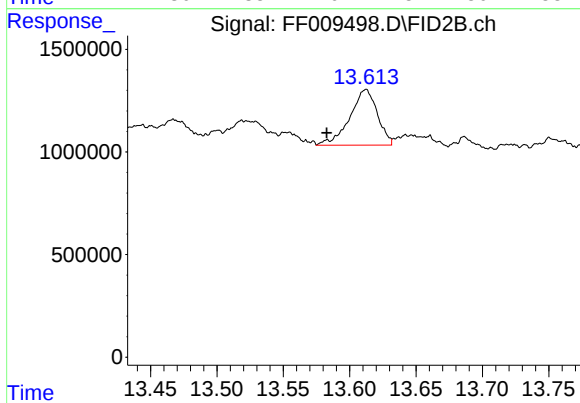
#6 N-OCTADECANE

R.T.: 11.119 min
Delta R.T.: 0.034 min
Response: 3777075
Conc: 26.17 ug/ml m



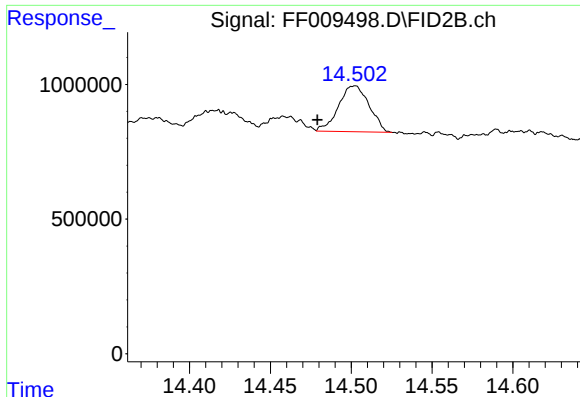
#7 N-EICOSANE

R.T.: 12.426 min
Delta R.T.: 0.037 min
Response: 4289298
Conc: 30.27 ug/ml m



#8 N-DOCOSANE

R.T.: 13.613 min
Delta R.T.: 0.030 min
Response: 3923444
Conc: 28.79 ug/ml m



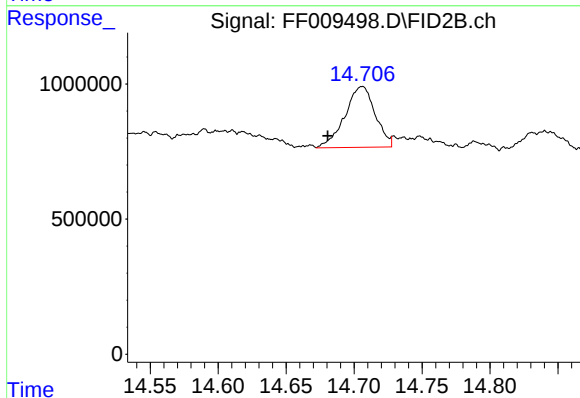
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.502 min
Delta R.T.: 0.023 min
Response: 2250670
Conc: 19.43 ug/ml

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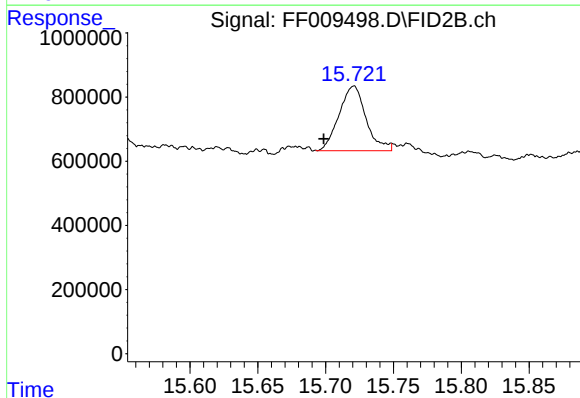
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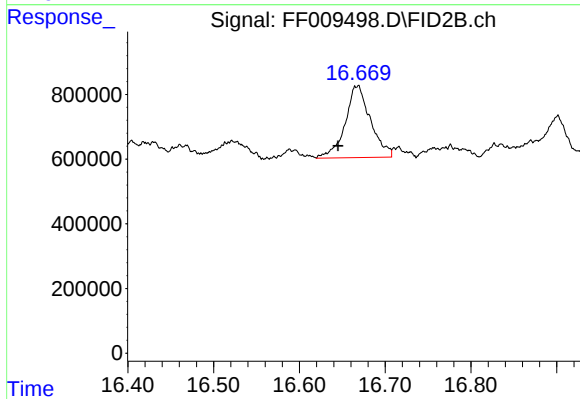
#10 N-TETRACOSANE

R.T.: 14.706 min
Delta R.T.: 0.026 min
Response: 3497480
Conc: 26.56 ug/ml m



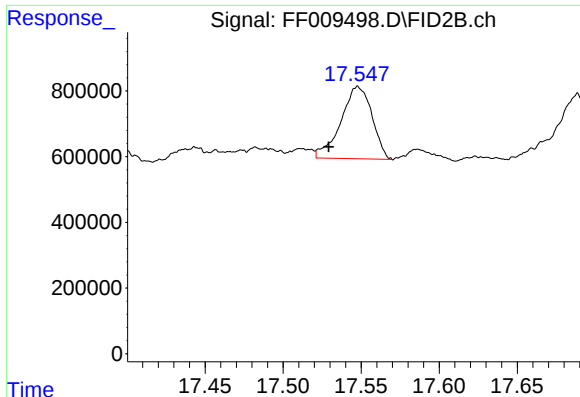
#11 N-HEXACOSANE

R.T.: 15.721 min
Delta R.T.: 0.022 min
Response: 2793086
Conc: 22.35 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.669 min
Delta R.T.: 0.024 min
Response: 4560085
Conc: 38.30 ug/ml m



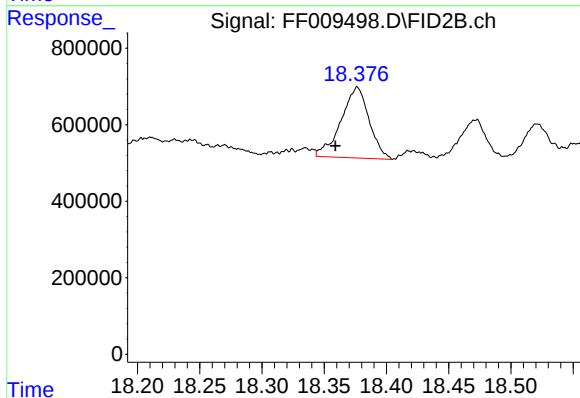
#13 N-TRIACONTANE

R.T.: 17.547 min
Delta R.T.: 0.018 min
Response: 3044419
Conc: 26.58 ug/ml

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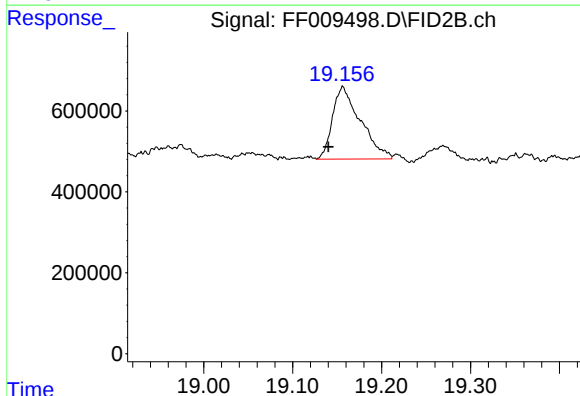
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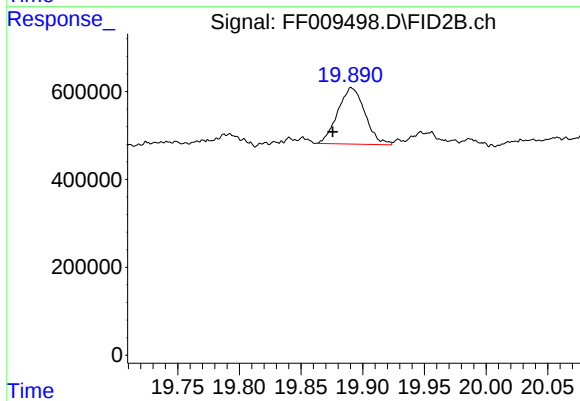
#14 N-DOTRIACONTANE

R.T.: 18.376 min
Delta R.T.: 0.017 min
Response: 2904400
Conc: 26.58 ug/ml m



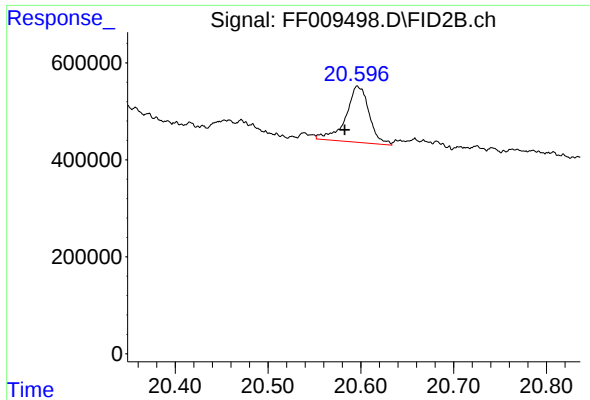
#15 N-TETRATRIACONTANE

R.T.: 19.156 min
Delta R.T.: 0.015 min
Response: 3916044
Conc: 36.97 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.891 min
Delta R.T.: 0.015 min
Response: 1966784
Conc: 19.64 ug/ml



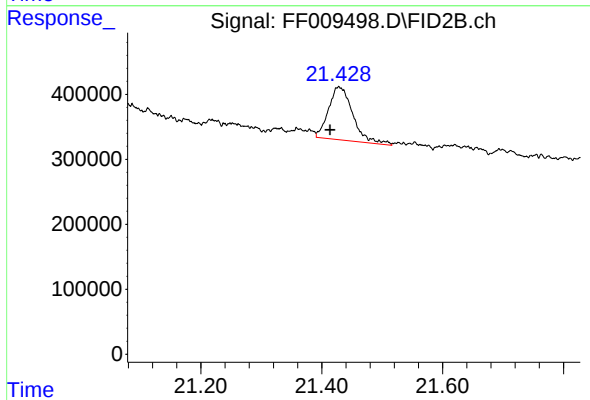
#17 N-OCTATRIACONTANE

R.T.: 20.596 min
Delta R.T.: 0.014 min
Response: 2019723
Conc: 20.57 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.428 min
Delta R.T.: 0.015 min
Response: 2278846
Conc: 22.56 ug/ml