

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101024\
 Data File : FF014624.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 16:39
 Operator : YP\AJ
 Sample : P4368-10
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-04-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
 Quant Time: Oct 11 01:26:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100324.M
 Quant Title :
 QLast Update : Thu Oct 03 12:23:07 2024
 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...	14.883	2267923	17.342 ug/ml
Target Compounds			
1) N-OCTANE	1.941	297290	2.223 ug/ml
2) N-DECANE	4.444	295785	2.182 ug/ml
3) N-DODECANE	6.610	288688	2.116 ug/ml
4) N-TETRADECANE	8.437	298714	2.170 ug/ml
5) N-HEXADECANE	10.044	297523	2.176 ug/ml
6) N-OCTADECANE	11.483	344196	2.404 ug/ml
7) N-EICOSANE	12.790	365533	2.461 ug/ml
8) N-DOCOSANE	13.985	380442	2.616 ug/ml
10) N-TETRACOSANE	15.087	387172	2.644 ug/ml
11) N-HEXACOSANE	16.109	364322	2.500 ug/ml
12) N-OCTACOSANE	17.058	355790	2.466 ug/ml
13) N-TRIACONTANE	17.945	363124	2.487 ug/ml
14) N-DOTRIACONTANE	18.778	304840	2.100 ug/ml
15) N-TETRATRIACONTANE	19.564	195865	1.421 ug/ml
16) N-HEXATRIACONTANE	20.336	848466	6.373 ug/mlm
17) N-OCTATRIACONTANE	21.025	110115	0.983 ug/mlm
18) N-TETRACONTANE	21.925f	92191	0.987 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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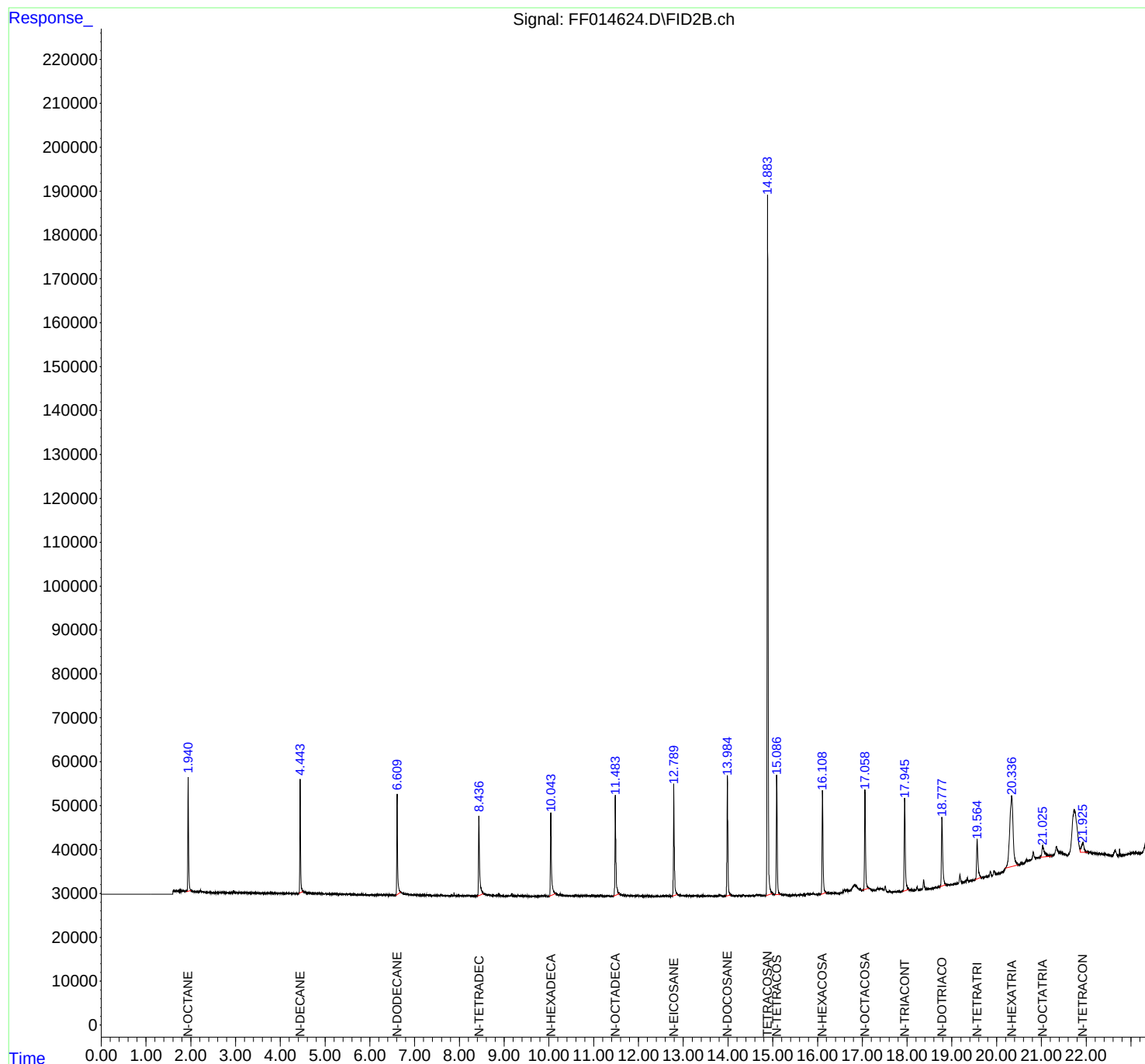
APPROVED

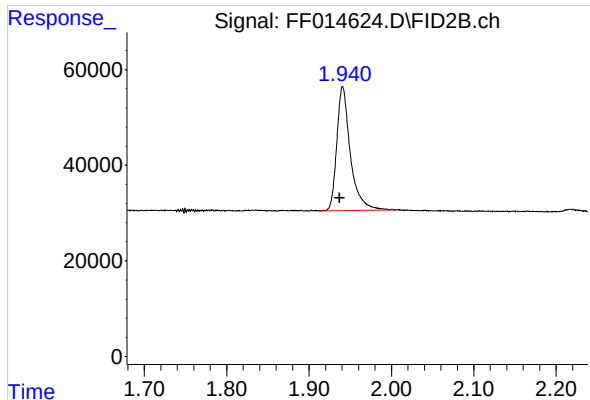
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 1.941 min
Delta R.T.: 0.004 min
Response: 297290
Conc: 2.22 ug/ml

Instrument :

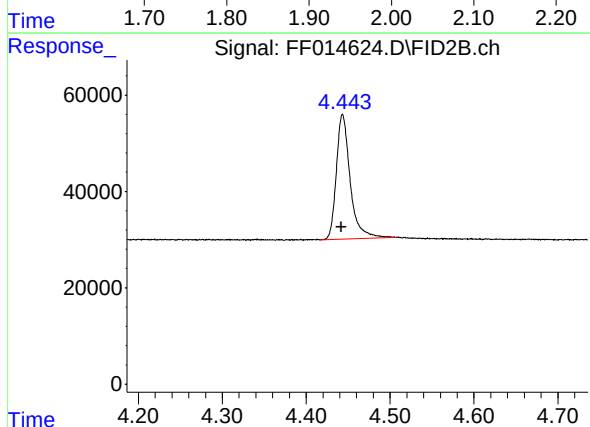
FID_F

ClientSampleId :

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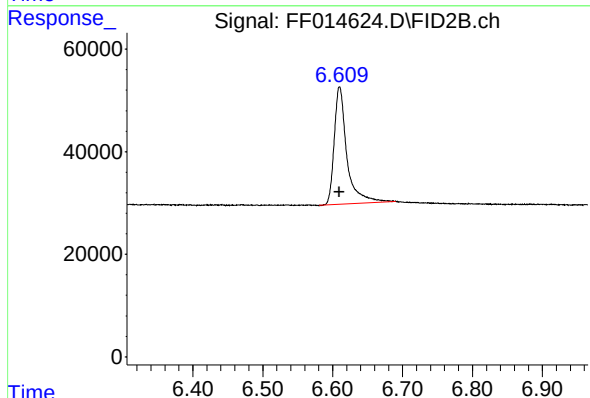
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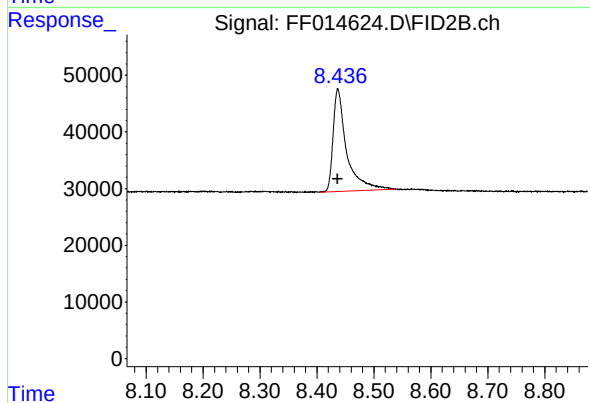
#2 N-DECANE

R.T.: 4.444 min
Delta R.T.: 0.002 min
Response: 295785
Conc: 2.18 ug/ml



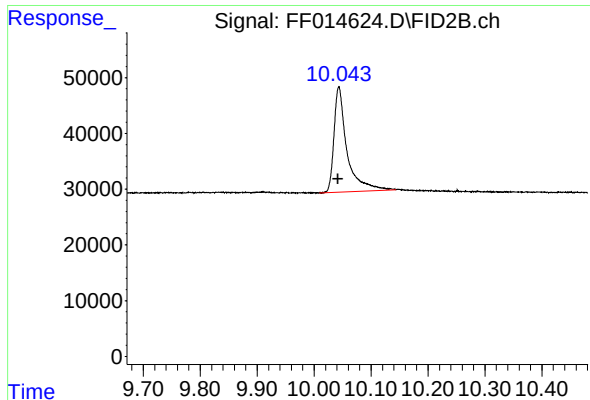
#3 N-DODECANE

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 288688
Conc: 2.12 ug/ml



#4 N-TETRADECANE

R.T.: 8.437 min
Delta R.T.: 0.000 min
Response: 298714
Conc: 2.17 ug/ml



#5 N-HEXADECANE

R.T.: 10.044 min
Delta R.T.: 0.002 min
Response: 297523
Conc: 2.18 ug/ml

Instrument :

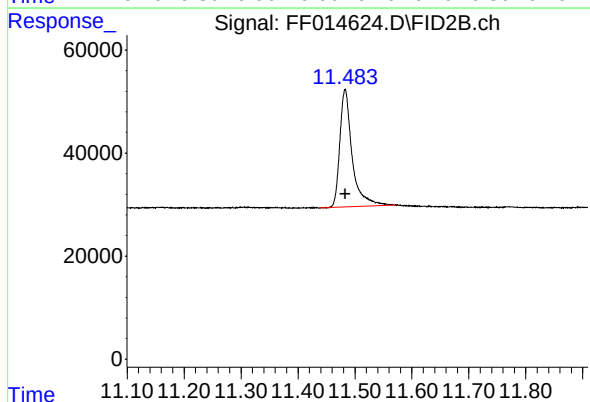
FID_F

ClientSampleId :

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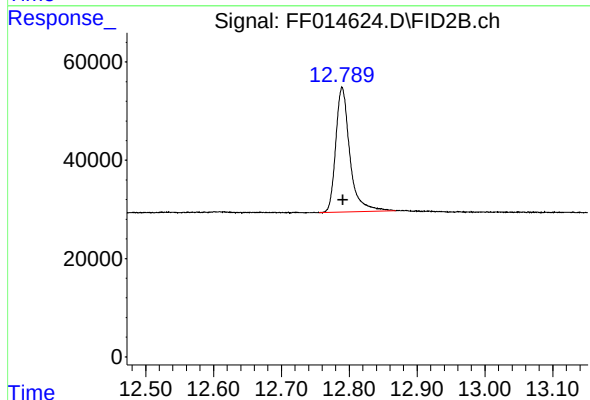
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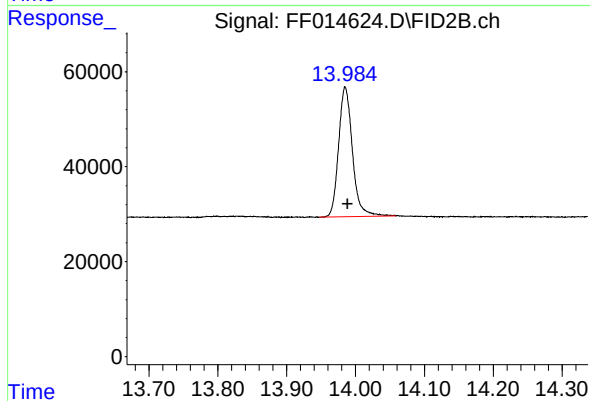
#6 N-OCTADECANE

R.T.: 11.483 min
Delta R.T.: 0.000 min
Response: 344196
Conc: 2.40 ug/ml



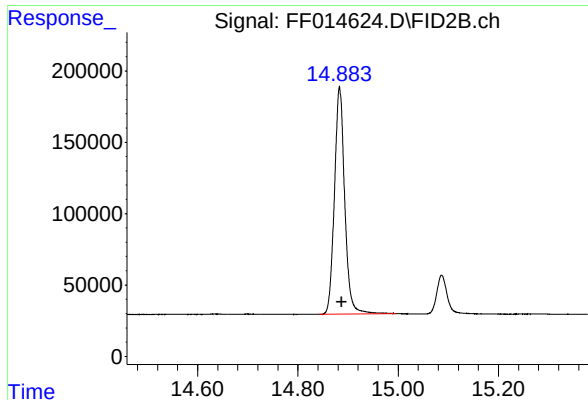
#7 N-EICOSANE

R.T.: 12.790 min
Delta R.T.: -0.001 min
Response: 365533
Conc: 2.46 ug/ml



#8 N-DOCOSANE

R.T.: 13.985 min
Delta R.T.: -0.003 min
Response: 380442
Conc: 2.62 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.883 min
Delta R.T.: -0.004 min
Response: 2267923
Conc: 17.34 ug/ml

Instrument :

FID_F

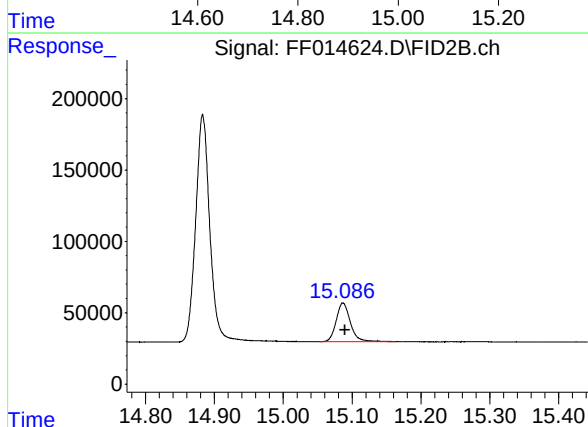
ClientSampleId :

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Manual Integrations

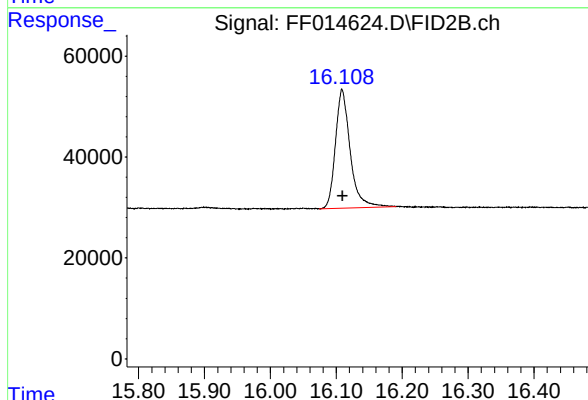
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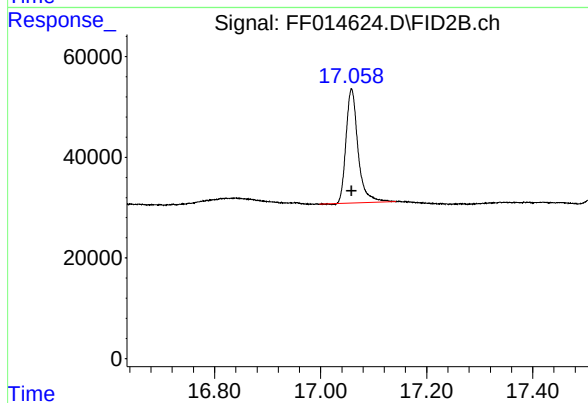
#10 N-TETRACOSANE

R.T.: 15.087 min
Delta R.T.: -0.003 min
Response: 387172
Conc: 2.64 ug/ml



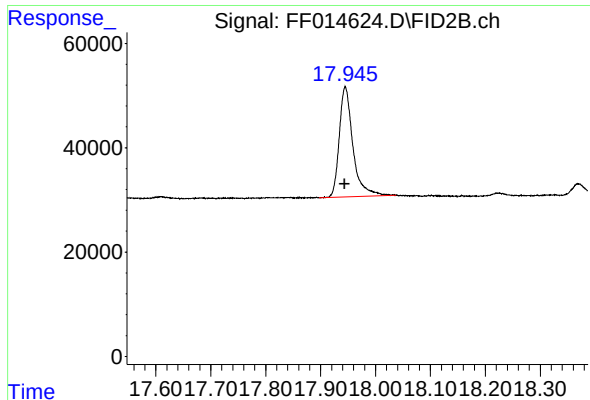
#11 N-HEXACOSANE

R.T.: 16.109 min
Delta R.T.: 0.000 min
Response: 364322
Conc: 2.50 ug/ml



#12 N-OCTACOSANE

R.T.: 17.058 min
Delta R.T.: 0.000 min
Response: 355790
Conc: 2.47 ug/ml



#13 N-TRIACONTANE

R.T.: 17.945 min
Delta R.T.: 0.000 min
Response: 363124
Conc: 2.49 ug/ml

Instrument :

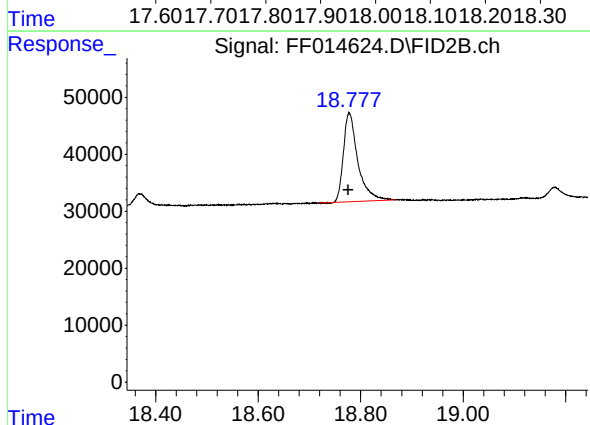
FID_F

ClientSampleId :

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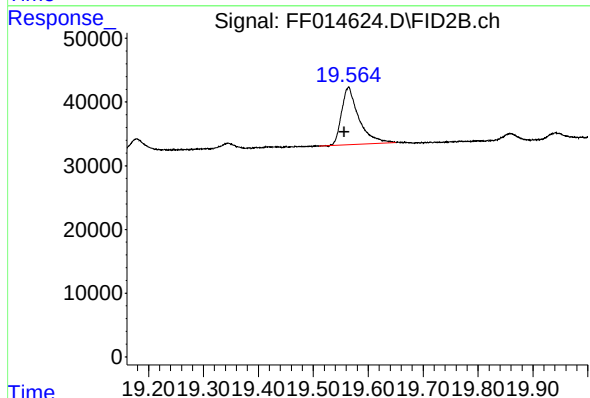
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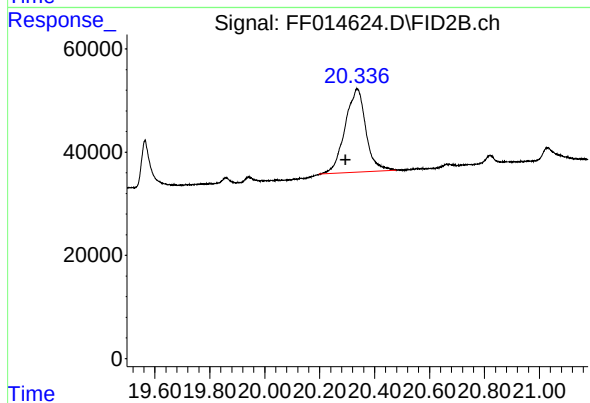
#14 N-DOTRIACONTANE

R.T.: 18.778 min
Delta R.T.: 0.002 min
Response: 304840
Conc: 2.10 ug/ml



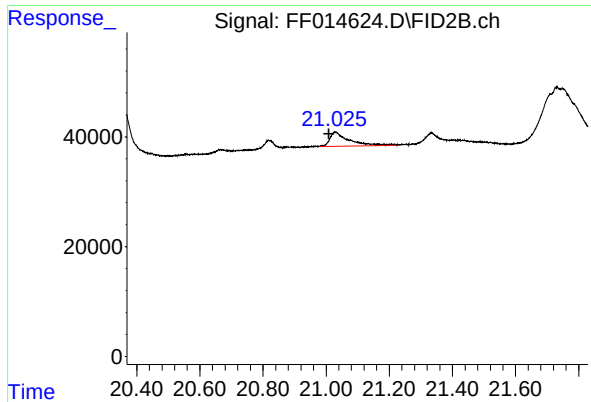
#15 N-TETRATRIACONTANE

R.T.: 19.564 min
Delta R.T.: 0.007 min
Response: 195865
Conc: 1.42 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.336 min
Delta R.T.: 0.041 min
Response: 848466
Conc: 6.37 ug/ml m



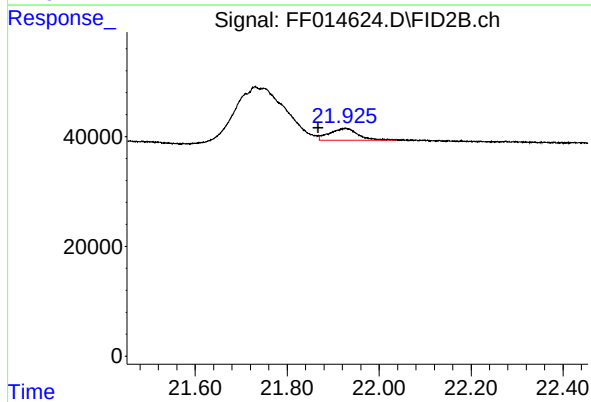
#17 N-OCTATRIACONTANE

R.T.: 21.025 min
Delta R.T.: 0.016 min
Response: 110115
Conc: 0.98 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.925 min
Delta R.T.: 0.056 min
Response: 92191
Conc: 0.99 ug/ml m