

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101024\
 Data File : FF014620.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 14:43
 Operator : YP\AJ
 Sample : P4368-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-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 01:37:58 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...	14.884	1383638	10.580 ug/ml
Target Compounds			
1) N-OCTANE	1.941	126441	0.945 ug/mlm
2) N-DECANE	4.446	137554	1.015 ug/mlm
3) N-DODECANE	6.615	137010	1.004 ug/mlm
4) N-TETRADECANE	8.453	141812	1.030 ug/mlm
5) N-HEXADECANE	10.054	130044	0.951 ug/mlm
6) N-OCTADECANE	11.488	145825	1.018 ug/mlm
7) N-EICOSANE	12.793	158545	1.068 ug/mlm
8) N-DOCOSANE	13.986	161762	1.112 ug/mlm
10) N-TETRACOSANE	15.089	158241	1.081 ug/ml
11) N-HEXACOSANE	16.113	149317	1.025 ug/ml
12) N-OCTACOSANE	17.061	159108	1.103 ug/ml
13) N-TRIACONTANE	17.946	196094	1.343 ug/ml
14) N-DOTRIACONTANE	18.780	207053	1.427 ug/ml
15) N-TETRATRIACONTANE	19.563	154174	1.119 ug/ml
16) N-HEXATRIACONTANE	20.307	93053	0.699 ug/ml
17) N-OCTATRIACONTANE	21.023	91948	0.821 ug/mlm
18) N-TETRACONTANE	21.929f	108837	1.165 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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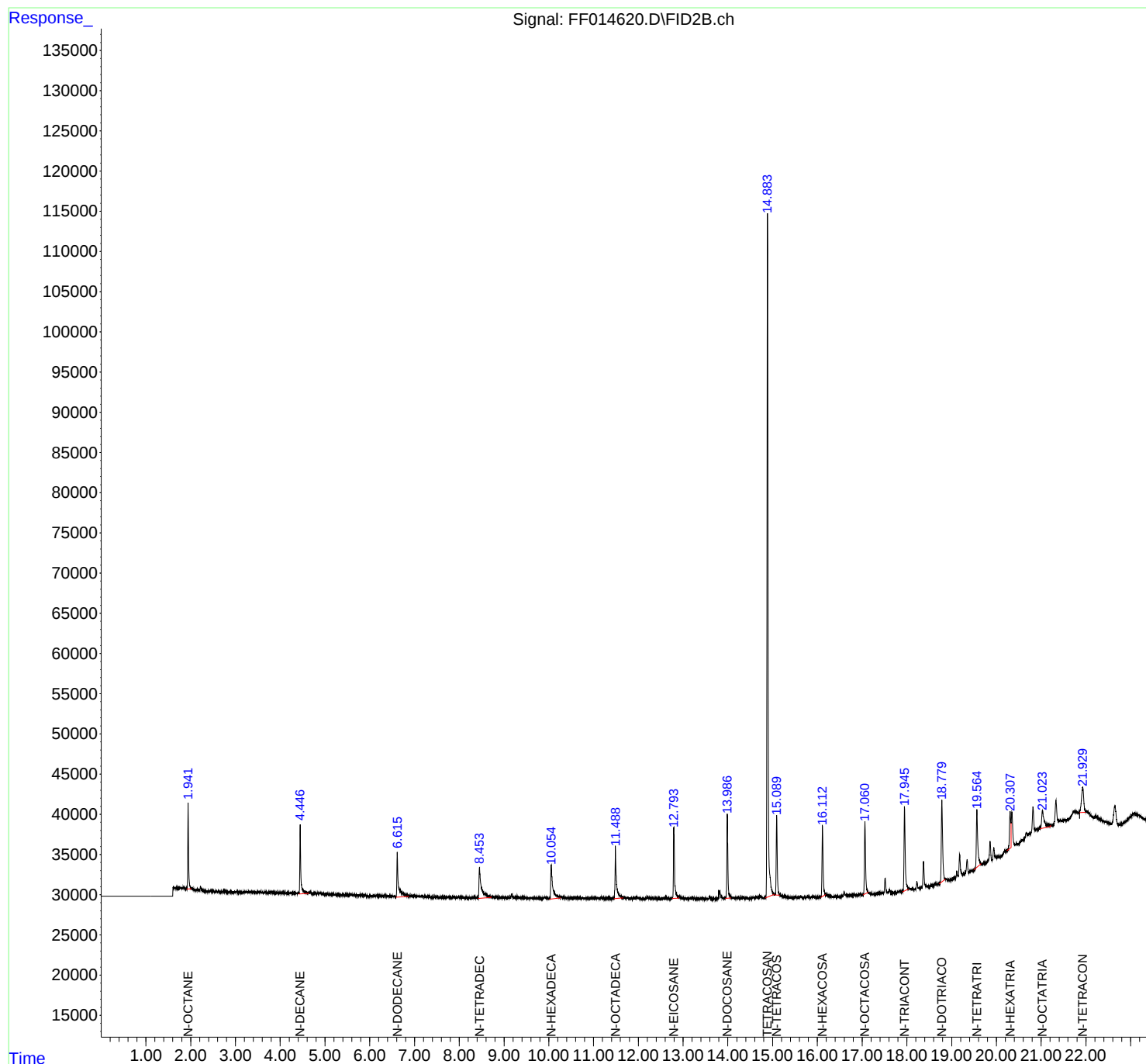
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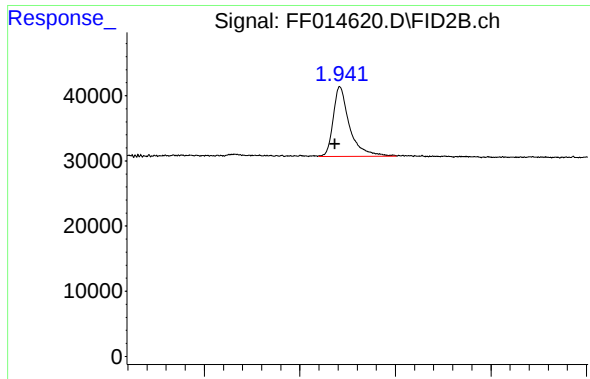
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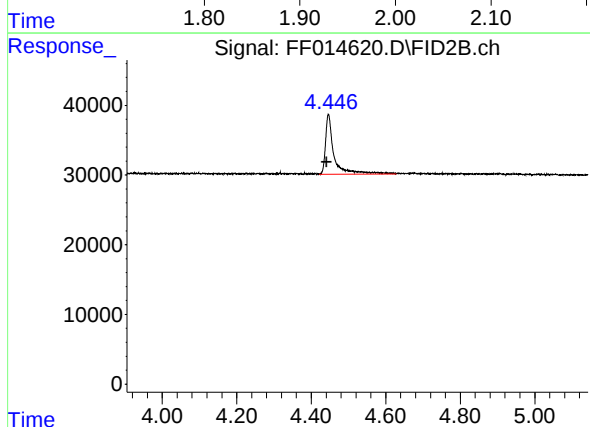
#1 N-OCTANE

R.T.: 1.941 min
Delta R.T.: 0.004 min
Response: 126441
Conc: 0.95 ug/ml

Instrument : FID_F
ClientSampleId :
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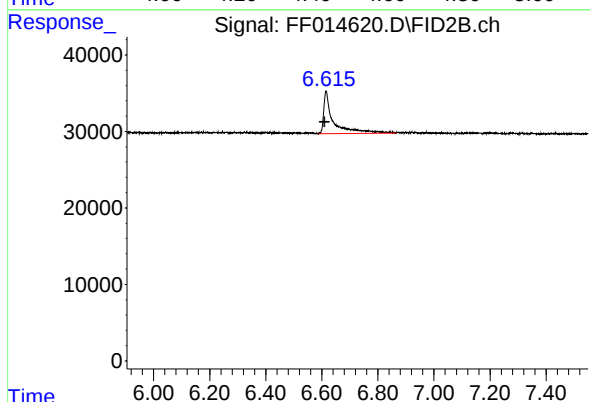
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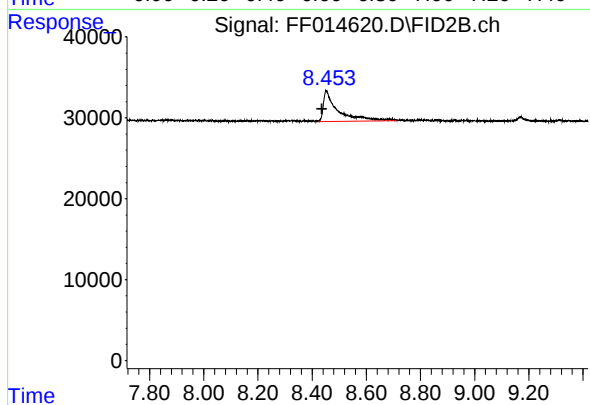
#2 N-DECANE

R.T.: 4.446 min
Delta R.T.: 0.004 min
Response: 137554
Conc: 1.01 ug/ml m



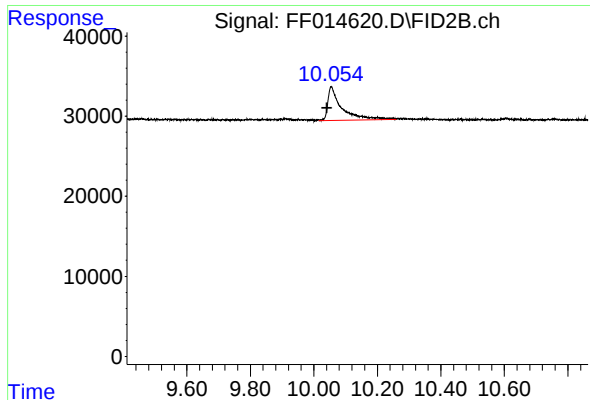
#3 N-DODECANE

R.T.: 6.615 min
Delta R.T.: 0.006 min
Response: 137010
Conc: 1.00 ug/ml m



#4 N-TETRADECANE

R.T.: 8.453 min
Delta R.T.: 0.017 min
Response: 141812
Conc: 1.03 ug/ml m



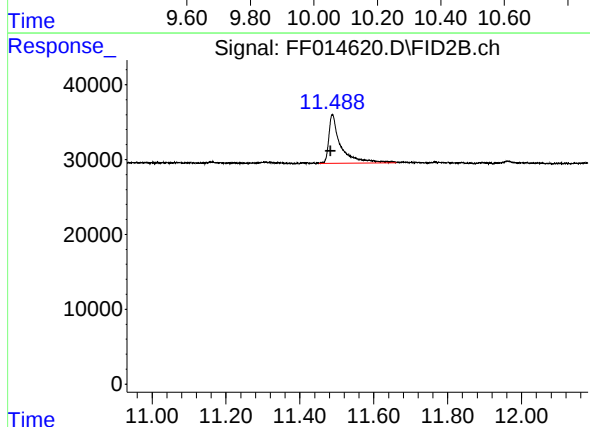
#5 N-HEXADECANE

R.T.: 10.054 min
Delta R.T.: 0.013 min
Response: 130044
Conc: 0.95 ug/ml

Instrument : FID_F
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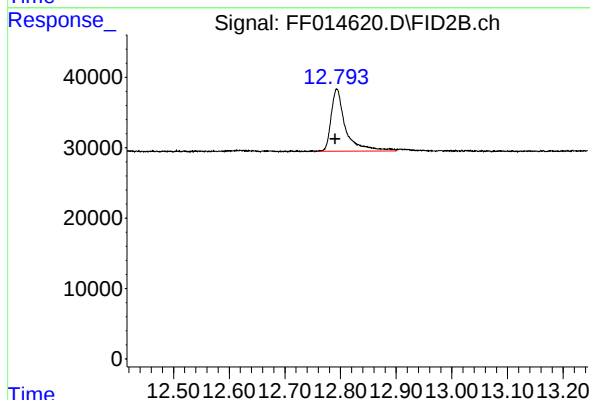
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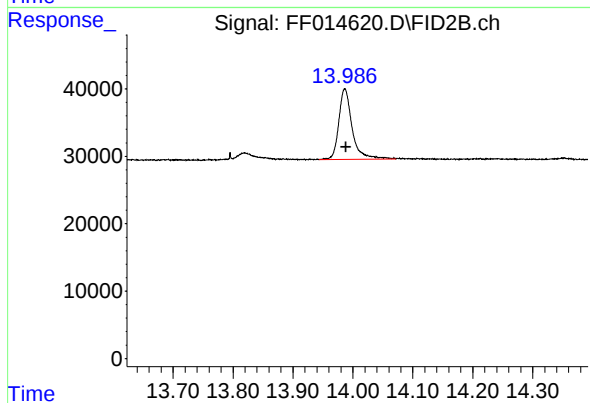
#6 N-OCTADECANE

R.T.: 11.488 min
Delta R.T.: 0.005 min
Response: 145825
Conc: 1.02 ug/ml m



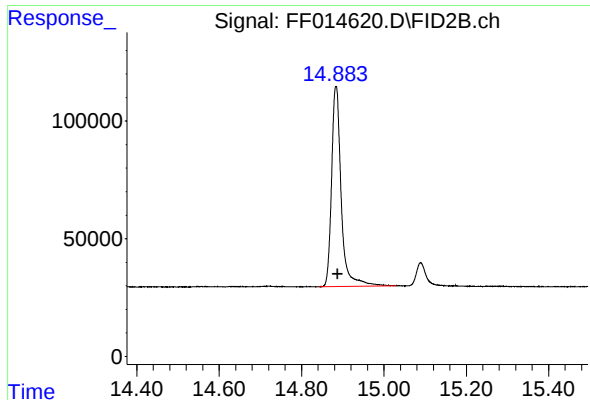
#7 N-EICOSANE

R.T.: 12.793 min
Delta R.T.: 0.002 min
Response: 158545
Conc: 1.07 ug/ml m



#8 N-DOCOSANE

R.T.: 13.986 min
Delta R.T.: -0.002 min
Response: 161762
Conc: 1.11 ug/ml m



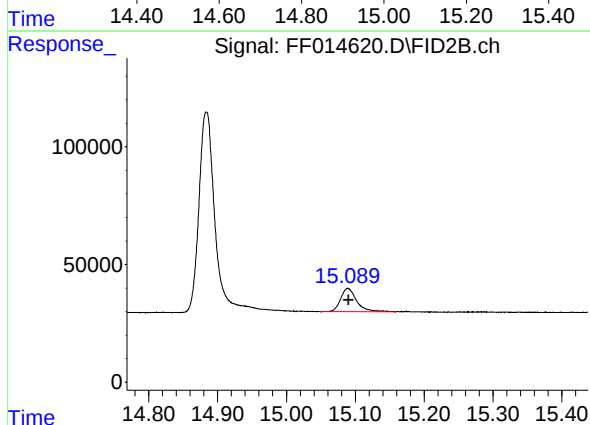
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.884 min
Delta R.T.: -0.004 min
Response: 1383638
Conc: 10.58 ug/ml

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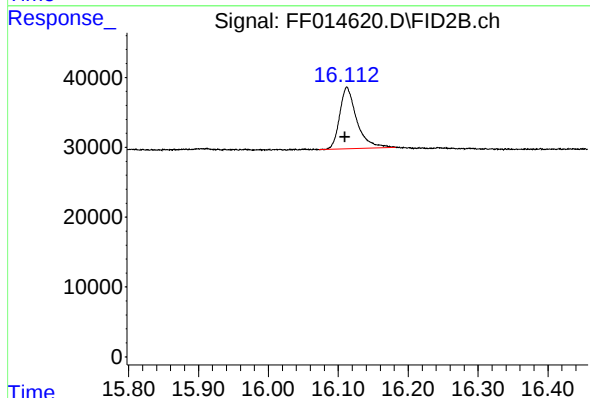
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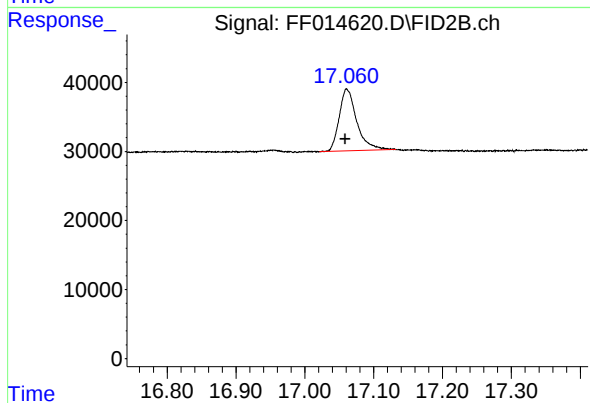
#10 N-TETRACOSANE

R.T.: 15.089 min
Delta R.T.: 0.000 min
Response: 158241
Conc: 1.08 ug/ml



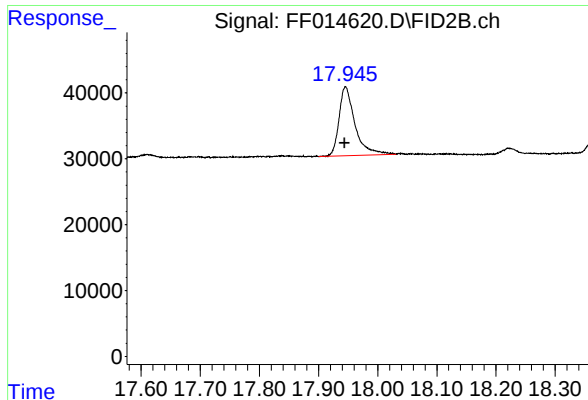
#11 N-HEXACOSANE

R.T.: 16.113 min
Delta R.T.: 0.003 min
Response: 149317
Conc: 1.02 ug/ml



#12 N-OCTACOSANE

R.T.: 17.061 min
Delta R.T.: 0.003 min
Response: 159108
Conc: 1.10 ug/ml



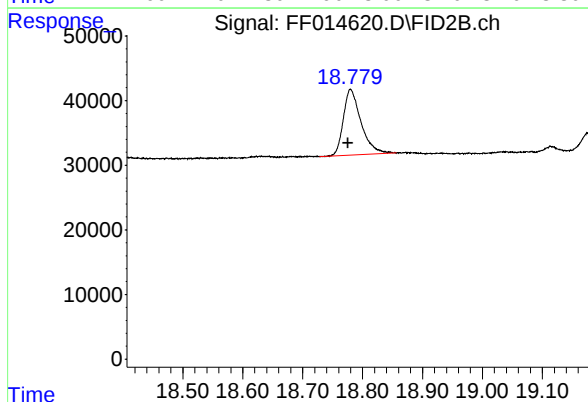
#13 N-TRIACONTANE

R.T.: 17.946 min
Delta R.T.: 0.002 min
Response: 196094
Conc: 1.34 ug/ml

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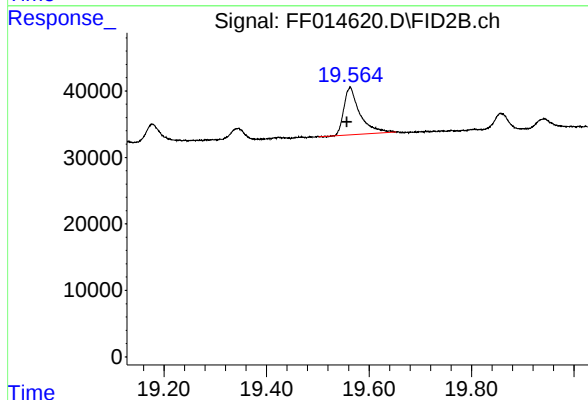
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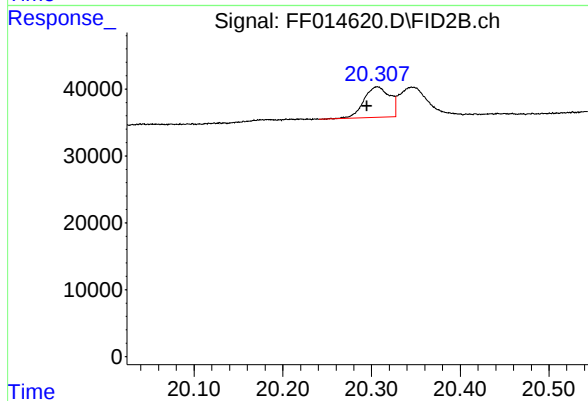
#14 N-DOTRIACONTANE

R.T.: 18.780 min
Delta R.T.: 0.004 min
Response: 207053
Conc: 1.43 ug/ml



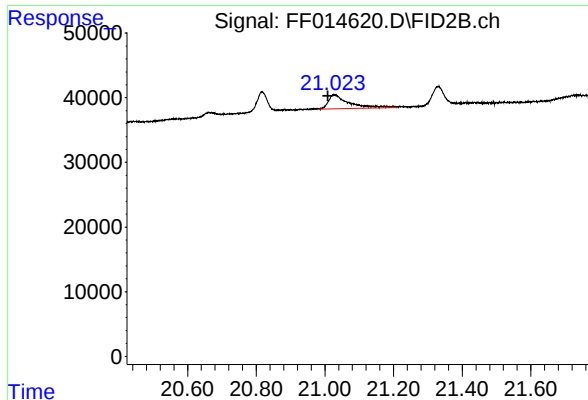
#15 N-TETRATRIACONTANE

R.T.: 19.563 min
Delta R.T.: 0.006 min
Response: 154174
Conc: 1.12 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.307 min
Delta R.T.: 0.012 min
Response: 93053
Conc: 0.70 ug/ml



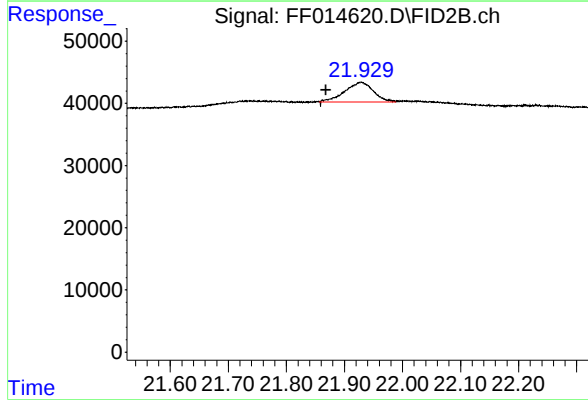
#17 N-OCTATRIACONTANE

R.T.: 21.023 min
Delta R.T.: 0.014 min
Response: 91948
Conc: 0.82 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.929 min
Delta R.T.: 0.061 min
Response: 108837
Conc: 1.17 ug/ml m