

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101124\
 Data File : FF014649.D
 Signal(s) : FID2B.ch
 Acq On : 11 Oct 2024 17:49
 Operator : YP\AJ
 Sample : P4368-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-06-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 02:08:26 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	1898038	14.513 ug/ml
Target Compounds			
1) N-OCTANE	1.943	86718	0.648 ug/ml
2) N-DECANE	4.448	88648	0.654 ug/mlm
3) N-DODECANE	6.622	89089	0.653 ug/mlm
4) N-TETRADECANE	8.465	85309	0.620 ug/mlm
5) N-HEXADECANE	10.056	113409	0.829 ug/mlm
6) N-OCTADECANE	11.488	119709	0.836 ug/mlm
7) N-EICOSANE	12.793	130125	0.876 ug/mlm
8) N-DOCOSANE	13.987	116414	0.800 ug/ml
10) N-TETRACOSANE	15.089	118189	0.807 ug/ml
11) N-HEXACOSANE	16.117	120333	0.826 ug/mlm
12) N-OCTACOSANE	17.064	116943	0.811 ug/ml
13) N-TRIACONTANE	17.949	151676	1.039 ug/ml
14) N-DOTRIACONTANE	18.790	240966	1.660 ug/mlm
15) N-TETRATRIACONTANE	19.566	112538	0.817 ug/mlm
16) N-HEXATRIACONTANE	20.347f	348893	2.621 ug/ml
17) N-OCTATRIACONTANE	21.039	41963	0.375 ug/mlm
18) N-TETRACONTANE	21.926f	550140	5.891 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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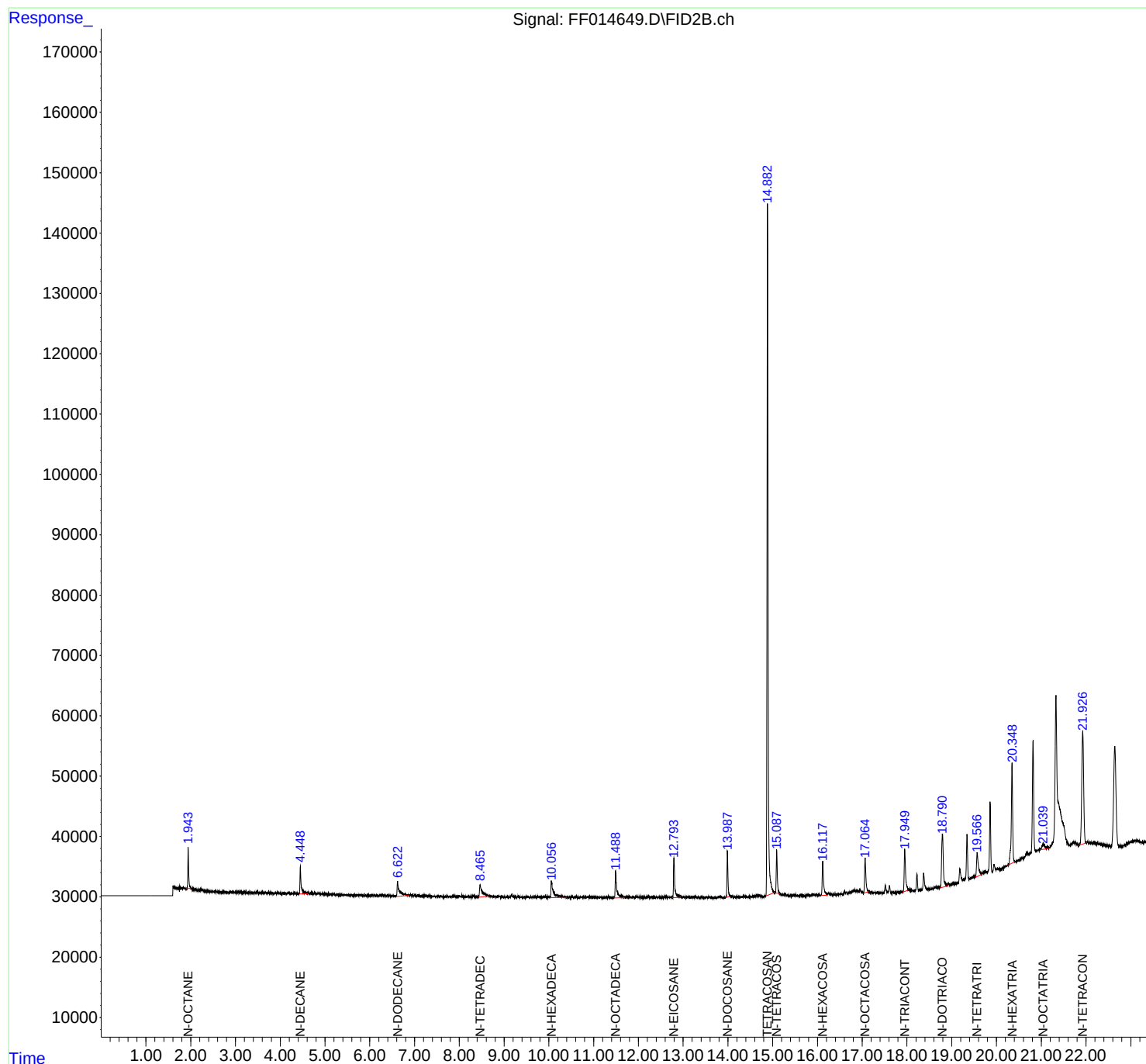
Instrument :
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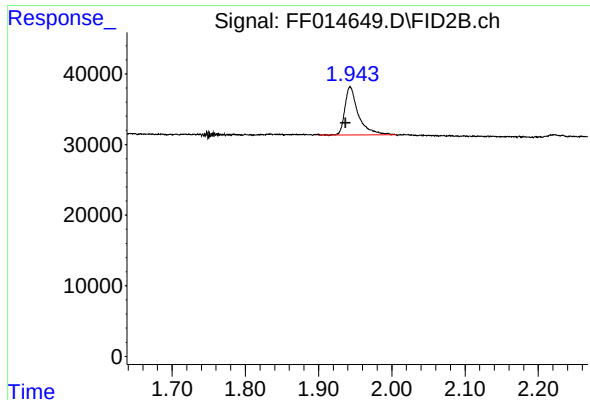
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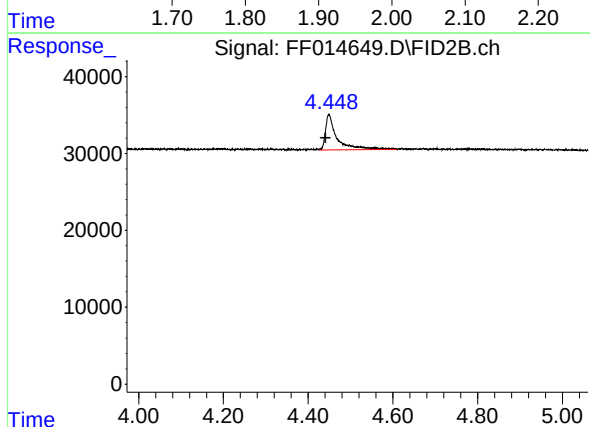
#1 N-OCTANE

R.T.: 1.943 min
Delta R.T.: 0.006 min
Response: 86718
Conc: 0.65 ug/ml

Instrument :
FID_F
ClientSampleId :
MDL-WATER-06-QT4-2024

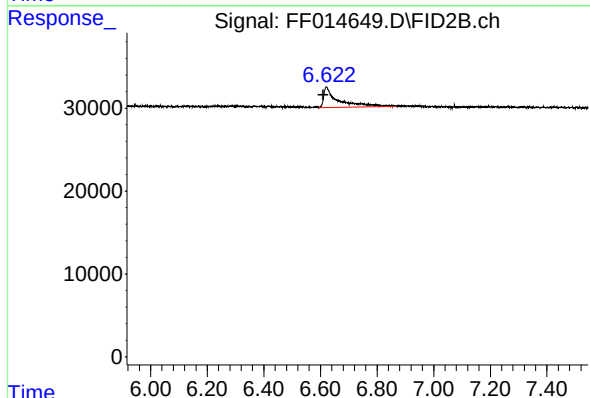
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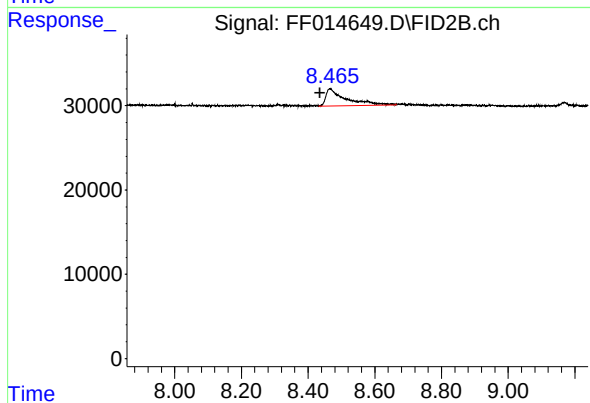
#2 N-DECANE

R.T.: 4.448 min
Delta R.T.: 0.007 min
Response: 88648
Conc: 0.65 ug/ml m



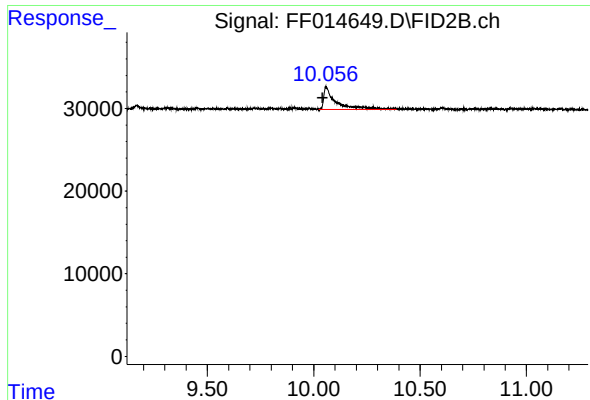
#3 N-DODECANE

R.T.: 6.622 min
Delta R.T.: 0.012 min
Response: 89089
Conc: 0.65 ug/ml m



#4 N-TETRADECANE

R.T.: 8.465 min
Delta R.T.: 0.028 min
Response: 85309
Conc: 0.62 ug/ml m



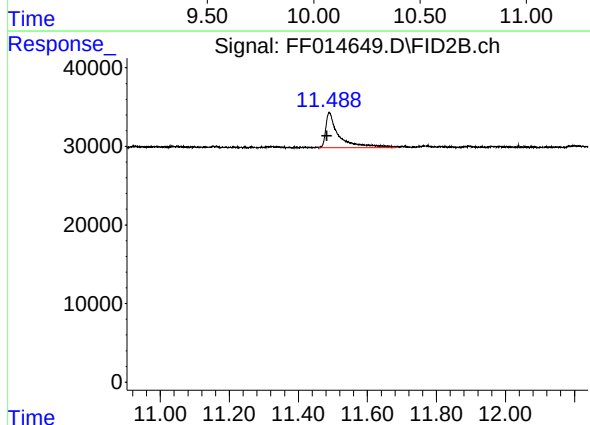
#5 N-HEXADECANE

R.T.: 10.056 min
Delta R.T.: 0.014 min
Response: 113409
Conc: 0.83 ug/ml

Instrument :
FID_F
ClientSampleId :
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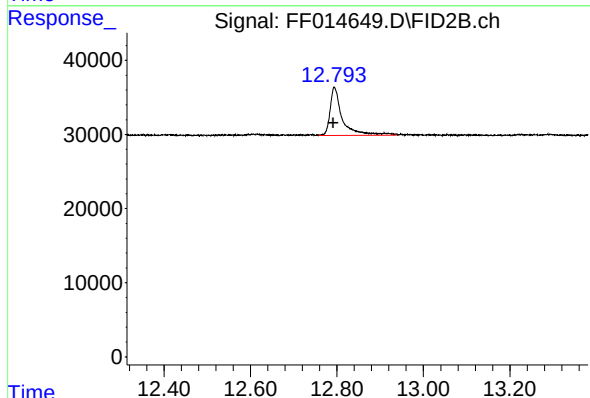
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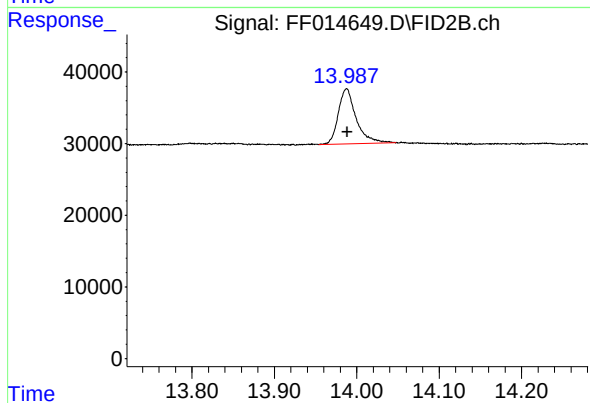
#6 N-OCTADECANE

R.T.: 11.488 min
Delta R.T.: 0.005 min
Response: 119709
Conc: 0.84 ug/ml m



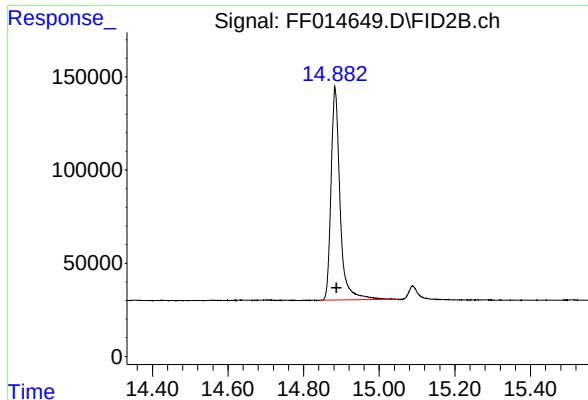
#7 N-EICOSANE

R.T.: 12.793 min
Delta R.T.: 0.002 min
Response: 130125
Conc: 0.88 ug/ml m



#8 N-DOCOSANE

R.T.: 13.987 min
Delta R.T.: 0.000 min
Response: 116414
Conc: 0.80 ug/ml



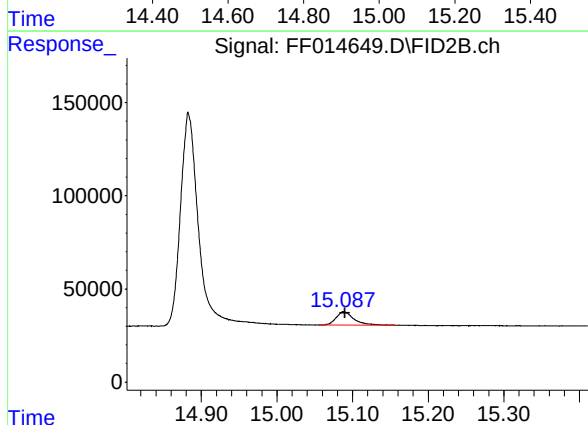
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.883 min
Delta R.T.: -0.004 min
Response: 1898038
Conc: 14.51 ug/ml

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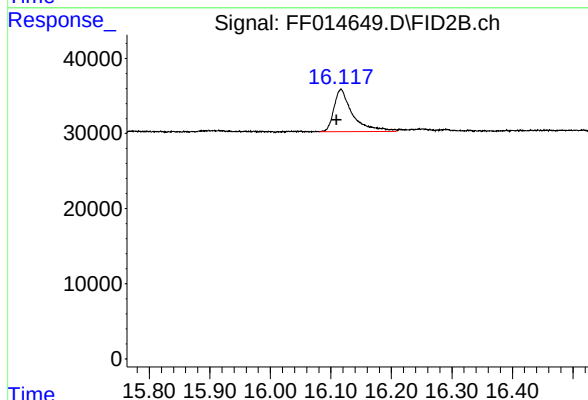
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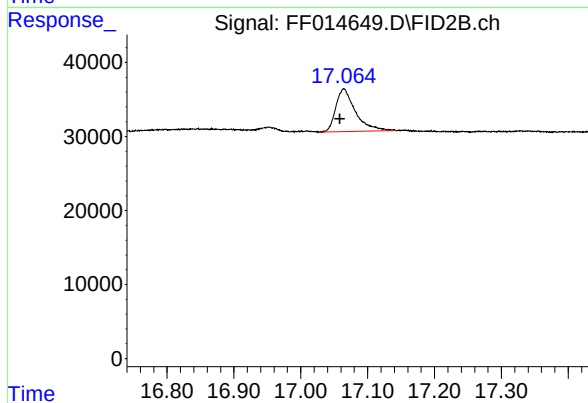
#10 N-TETRACOSANE

R.T.: 15.089 min
Delta R.T.: -0.001 min
Response: 118189
Conc: 0.81 ug/ml



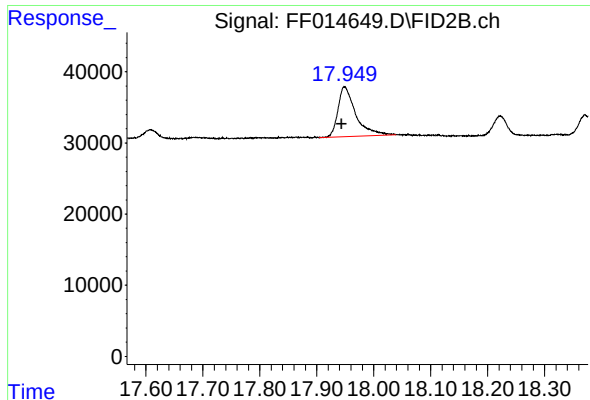
#11 N-HEXACOSANE

R.T.: 16.117 min
Delta R.T.: 0.007 min
Response: 120333
Conc: 0.83 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.064 min
Delta R.T.: 0.006 min
Response: 116943
Conc: 0.81 ug/ml



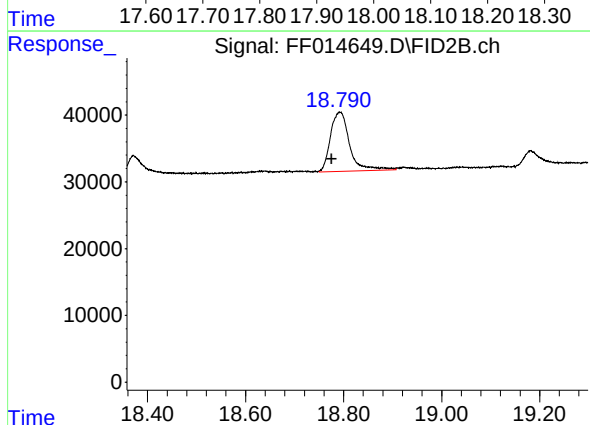
#13 N-TRIACONTANE

R.T.: 17.949 min
Delta R.T.: 0.005 min
Response: 151676
Conc: 1.04 ug/ml

Instrument :
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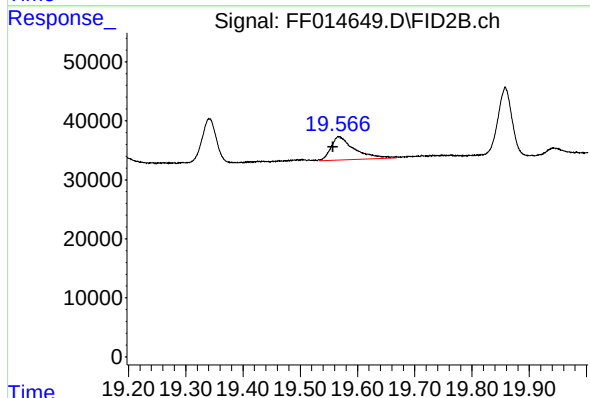
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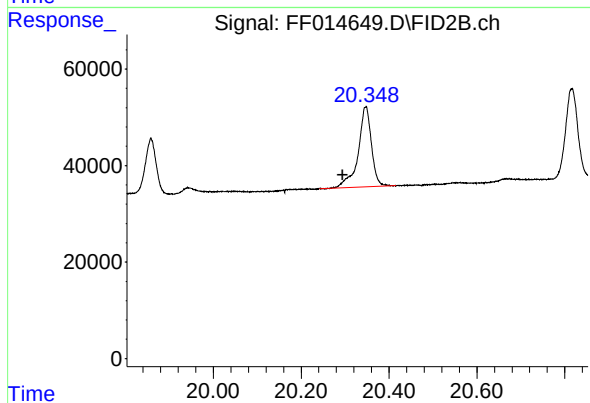
#14 N-DOTRIACONTANE

R.T.: 18.790 min
Delta R.T.: 0.014 min
Response: 240966
Conc: 1.66 ug/ml m



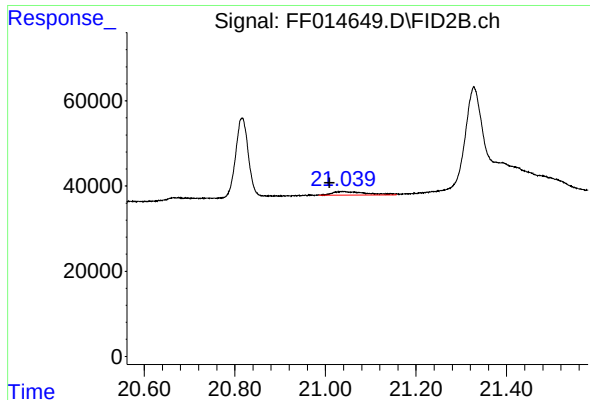
#15 N-TETRATRIACONTANE

R.T.: 19.566 min
Delta R.T.: 0.009 min
Response: 112538
Conc: 0.82 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.347 min
Delta R.T.: 0.052 min
Response: 348893
Conc: 2.62 ug/ml



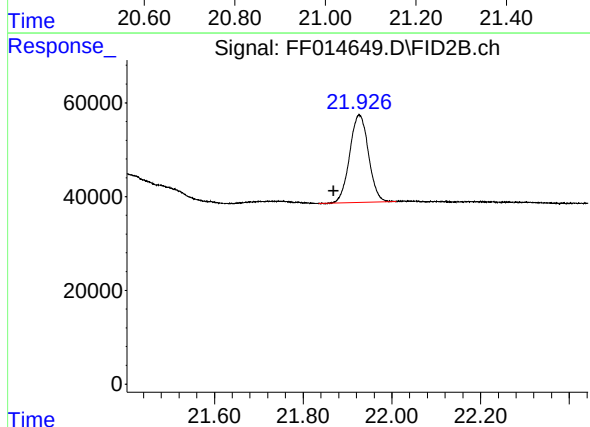
#17 N-OCTATRIACONTANE

R.T.: 21.039 min
Delta R.T.: 0.030 min
Response: 41963
Conc: 0.37 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.926 min
Delta R.T.: 0.058 min
Response: 550140
Conc: 5.89 ug/ml