

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101024\
 Data File : FF014626.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 17:37
 Operator : YP\AJ
 Sample : P4368-10
 Misc : 5 PPM WATER LOQ
 ALS Vial : 63 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 01:26:55 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	1335632	10.213 ug/ml
Target Compounds			
1) N-OCTANE	1.942	118103	0.883 ug/ml
2) N-DECANE	4.446	118417	0.874 ug/mlm
3) N-DODECANE	6.615	110118	0.807 ug/mlm
4) N-TETRADECANE	8.456	126891	0.922 ug/mlm
5) N-HEXADECANE	10.053	115356	0.844 ug/mlm
6) N-OCTADECANE	11.488	134087	0.936 ug/mlm
7) N-EICOSANE	12.793	139515	0.939 ug/ml
8) N-DOCOSANE	13.987	146497	1.007 ug/ml
10) N-TETRACOSANE	15.089	153440	1.048 ug/ml
11) N-HEXACOSANE	16.113	146774	1.007 ug/ml
12) N-OCTACOSANE	17.061	160481	1.112 ug/ml
13) N-TRIACONTANE	17.946	196541	1.346 ug/ml
14) N-DOTRIACONTANE	18.779	269894	1.860 ug/mlm
15) N-TETRATRIACONTANE	19.565	194875	1.414 ug/ml
16) N-HEXATRIACONTANE	20.306	72072	0.541 ug/ml
17) N-OCTATRIACONTANE	21.030	92883	0.829 ug/mlm
18) N-TETRACONTANE	21.929f	471513	5.049 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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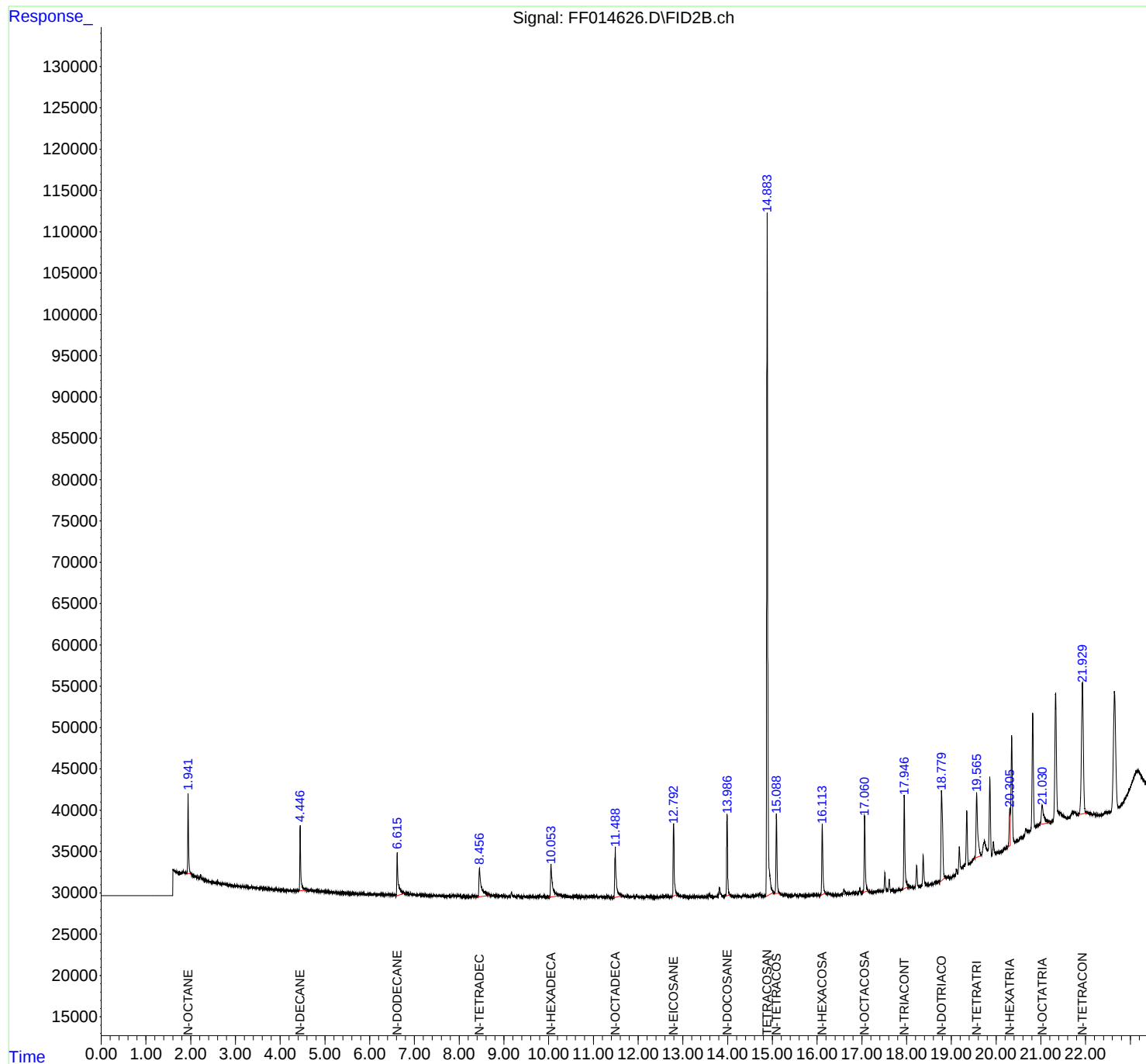
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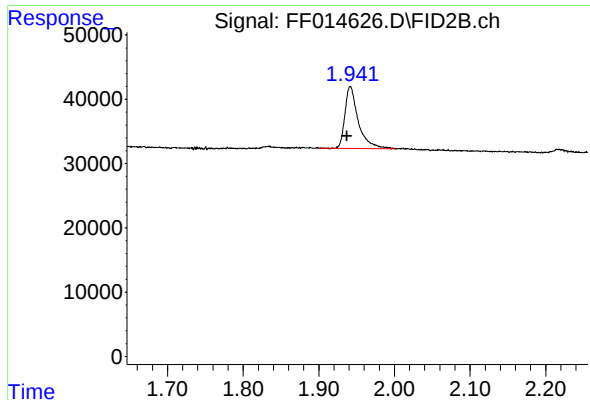
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#1 N-OCTANE

R.T.: 1.942 min
Delta R.T.: 0.005 min
Response: 118103
Conc: 0.88 ug/ml

Instrument :

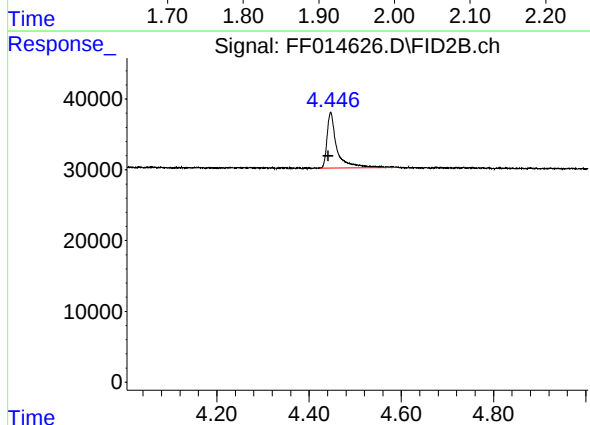
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ClientSampleId :

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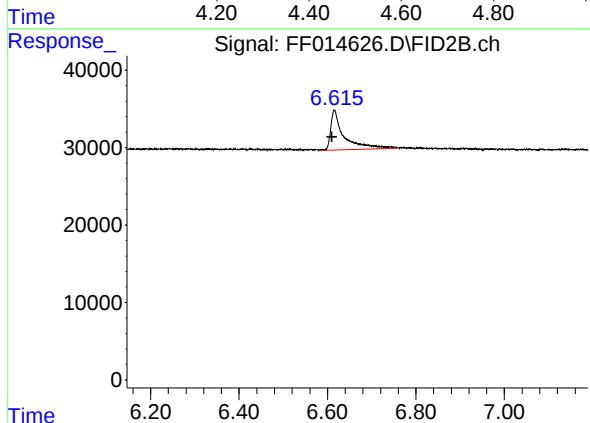
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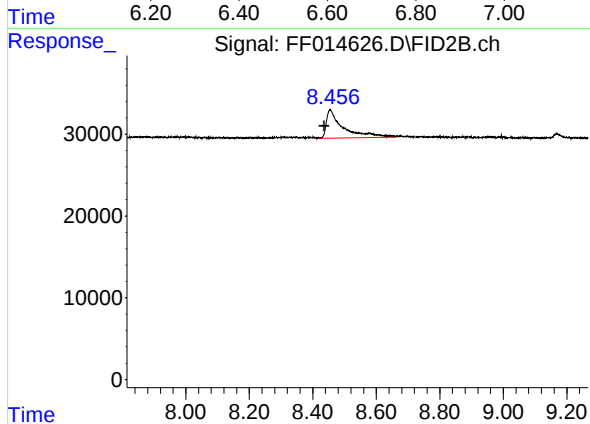
#2 N-DECANE

R.T.: 4.446 min
Delta R.T.: 0.005 min
Response: 118417
Conc: 0.87 ug/ml m



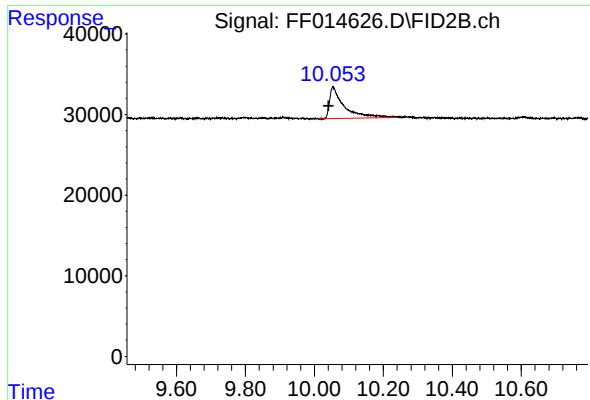
#3 N-DODECANE

R.T.: 6.615 min
Delta R.T.: 0.005 min
Response: 110118
Conc: 0.81 ug/ml m



#4 N-TETRADECANE

R.T.: 8.456 min
Delta R.T.: 0.019 min
Response: 126891
Conc: 0.92 ug/ml m



#5 N-HEXADECANE

R.T.: 10.053 min
Delta R.T.: 0.012 min
Response: 115356
Conc: 0.84 ug/ml

Instrument :

FID_F

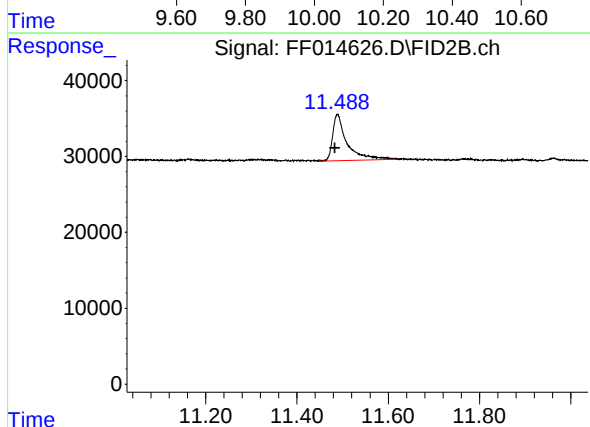
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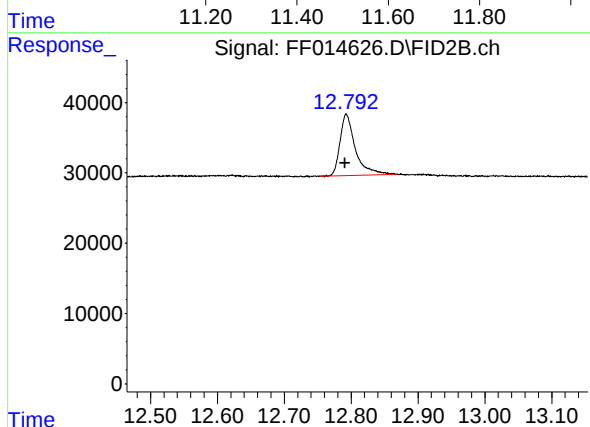
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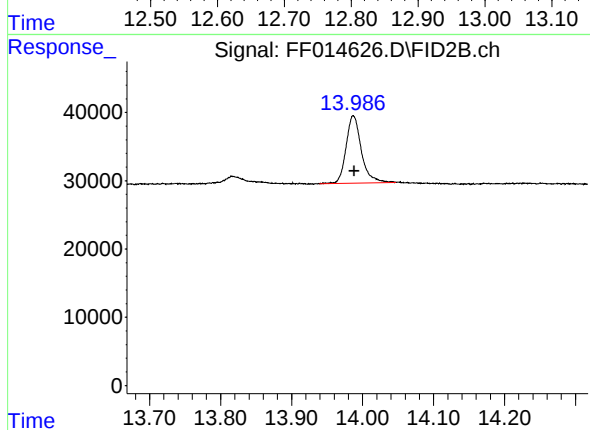
#6 N-OCTADECANE

R.T.: 11.488 min
Delta R.T.: 0.004 min
Response: 134087
Conc: 0.94 ug/ml m



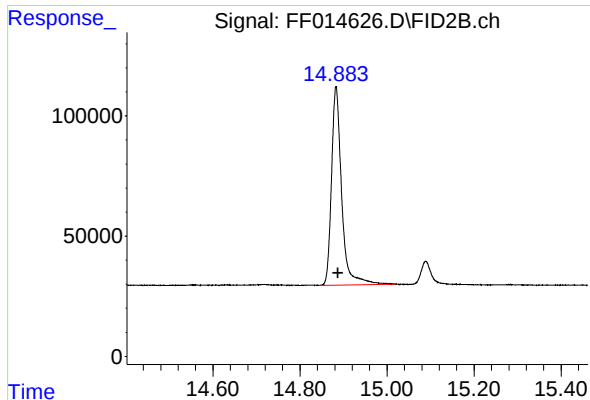
#7 N-EICOSANE

R.T.: 12.793 min
Delta R.T.: 0.002 min
Response: 139515
Conc: 0.94 ug/ml



#8 N-DOCOSANE

R.T.: 13.987 min
Delta R.T.: -0.001 min
Response: 146497
Conc: 1.01 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.883 min
Delta R.T.: -0.004 min
Response: 1335632
Conc: 10.21 ug/ml

Instrument :

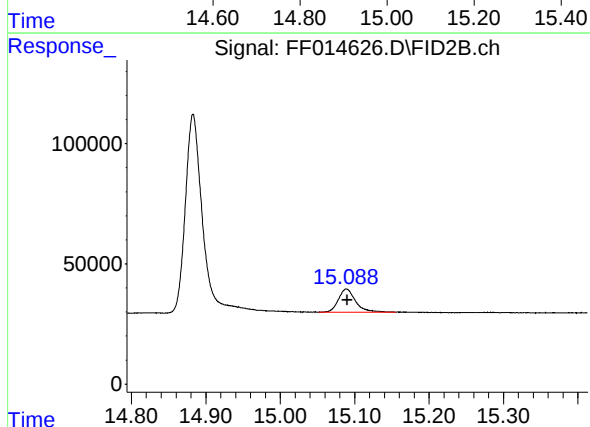
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ClientSampleId :

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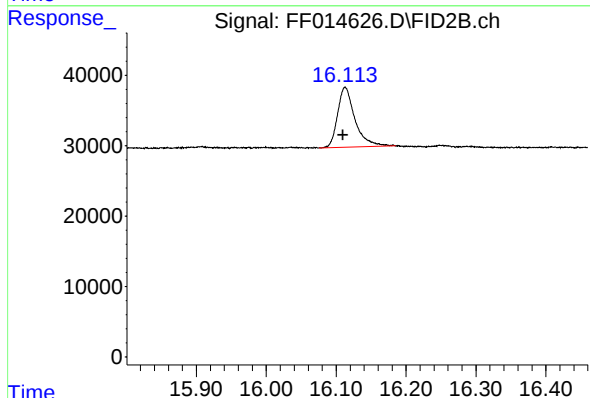
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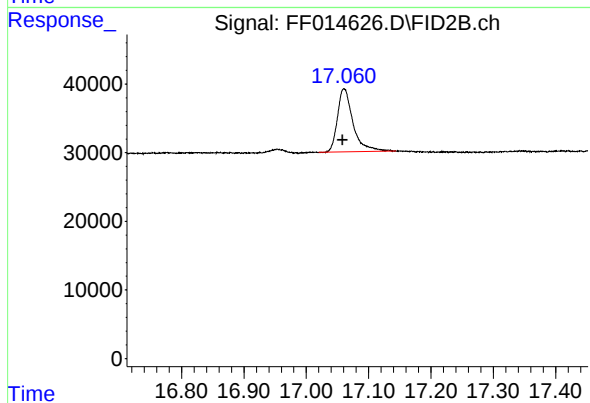
#10 N-TETRACOSANE

R.T.: 15.089 min
Delta R.T.: 0.000 min
Response: 153440
Conc: 1.05 ug/ml



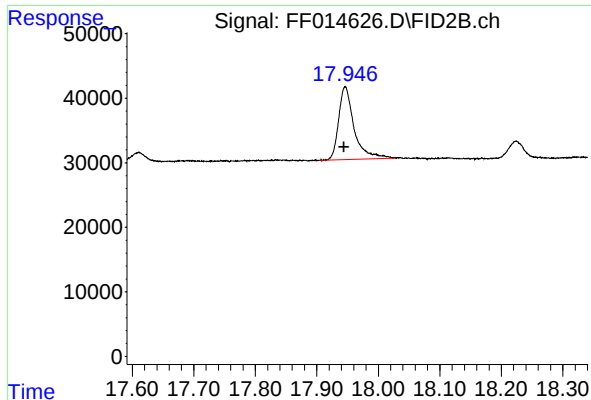
#11 N-HEXACOSANE

R.T.: 16.113 min
Delta R.T.: 0.003 min
Response: 146774
Conc: 1.01 ug/ml



#12 N-OCTACOSANE

R.T.: 17.061 min
Delta R.T.: 0.002 min
Response: 160481
Conc: 1.11 ug/ml



#13 N-TRIACONTANE

R.T.: 17.946 min
Delta R.T.: 0.002 min
Response: 196541
Conc: 1.35 ug/ml

Instrument :

FID_F

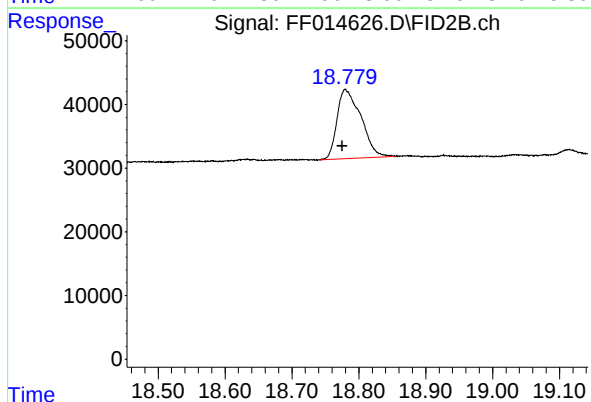
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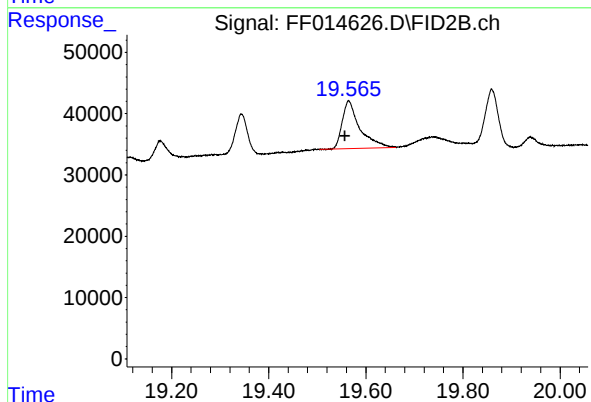
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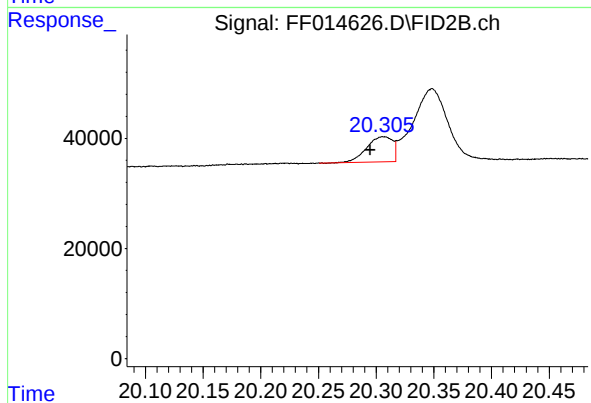
#14 N-DOTRIACONTANE

R.T.: 18.779 min
Delta R.T.: 0.003 min
Response: 269894
Conc: 1.86 ug/ml m



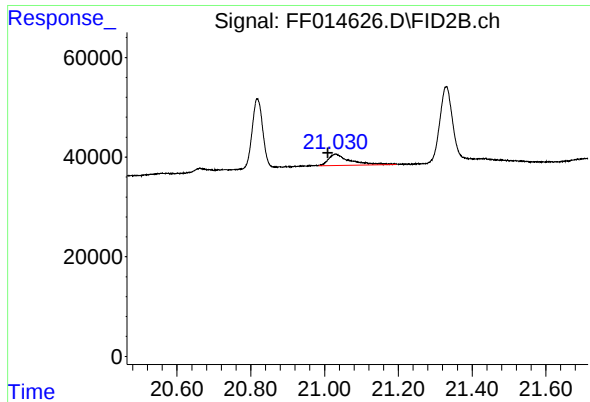
#15 N-TETRATRIACONTANE

R.T.: 19.565 min
Delta R.T.: 0.008 min
Response: 194875
Conc: 1.41 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.306 min
Delta R.T.: 0.012 min
Response: 72072
Conc: 0.54 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.030 min
Delta R.T.: 0.021 min
Response: 92883
Conc: 0.83 ug/ml

Instrument :

FID_F

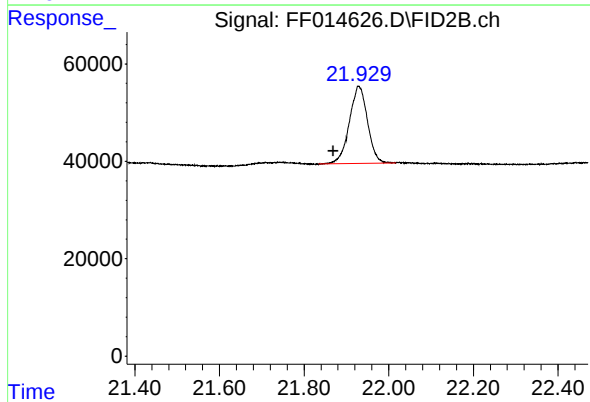
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#18 N-TETRACONTANE

R.T.: 21.929 min
Delta R.T.: 0.061 min
Response: 471513
Conc: 5.05 ug/ml