

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101124\
 Data File : FF014647.D
 Signal(s) : FID2B.ch
 Acq On : 11 Oct 2024 16:51
 Operator : YP\AJ
 Sample : P4368-06
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-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 02:08:09 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...	14.882	2296167	17.558 ug/ml
Target Compounds			
1) N-OCTANE	1.943	103827	0.776 ug/ml
2) N-DECANE	4.447	111444	0.822 ug/mlm
3) N-DODECANE	6.616	122114	0.895 ug/mlm
4) N-TETRADECANE	8.458	128956	0.937 ug/mlm
5) N-HEXADECANE	10.051	140093	1.024 ug/mlm
6) N-OCTADECANE	11.487	141426	0.988 ug/mlm
7) N-EICOSANE	12.793	135634	0.913 ug/ml
8) N-DOCOSANE	13.987	143047	0.984 ug/ml
10) N-TETRACOSANE	15.087	147172	1.005 ug/ml
11) N-HEXACOSANE	16.118	129563	0.889 ug/ml
12) N-OCTACOSANE	17.066	148296	1.028 ug/mlm
13) N-TRIACONTANE	17.954	166432	1.140 ug/mlm
14) N-DOTRIACONTANE	18.794	220774	1.521 ug/mlm
15) N-TETRATRIACONTANE	19.575	86998	0.631 ug/mlm
16) N-HEXATRIACONTANE	20.346f	405290	3.044 ug/ml
17) N-OCTATRIACONTANE	21.060f	55776	0.498 ug/mlm
18) N-TETRACONTANE	21.925f	533144	5.709 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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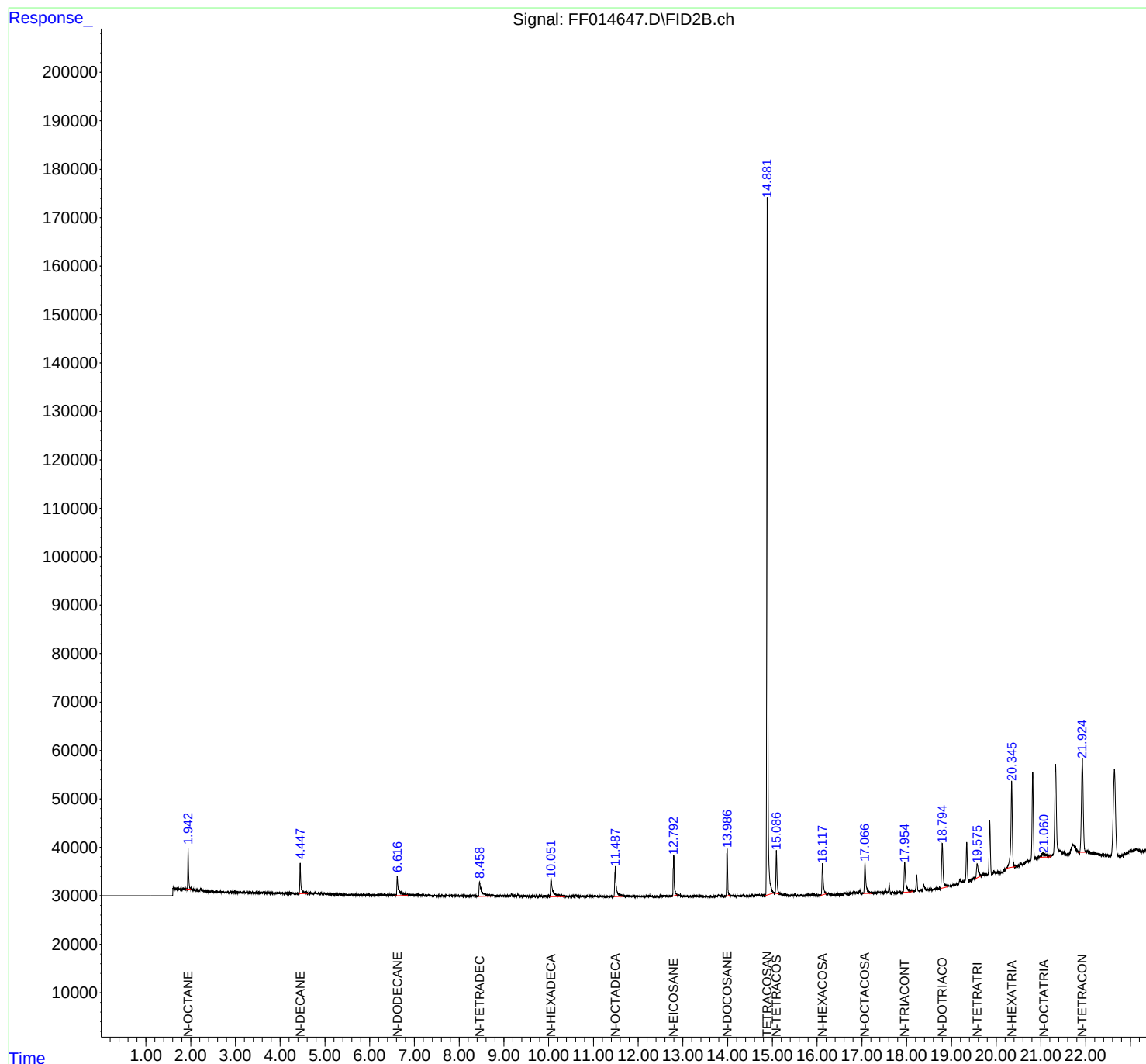
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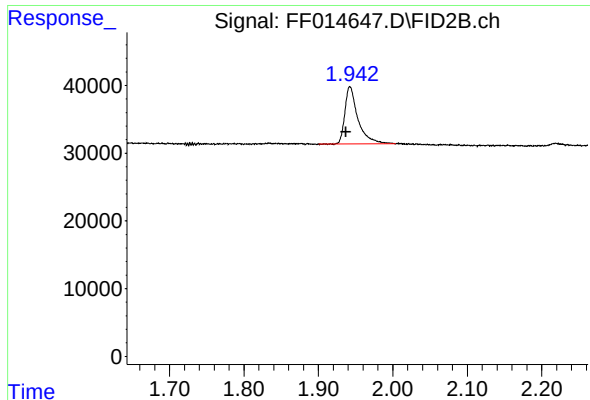
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#1 N-OCTANE

R.T.: 1.943 min
Delta R.T.: 0.006 min
Response: 103827
Conc: 0.78 ug/ml

Instrument :

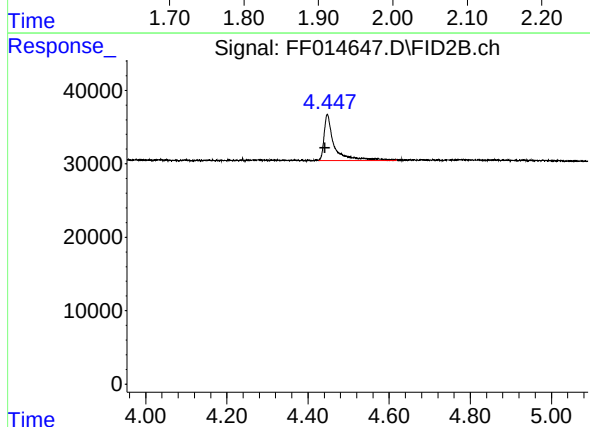
FID_F

ClientSampleId :

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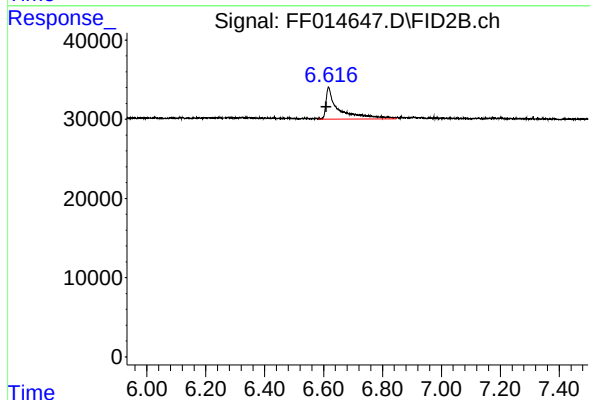
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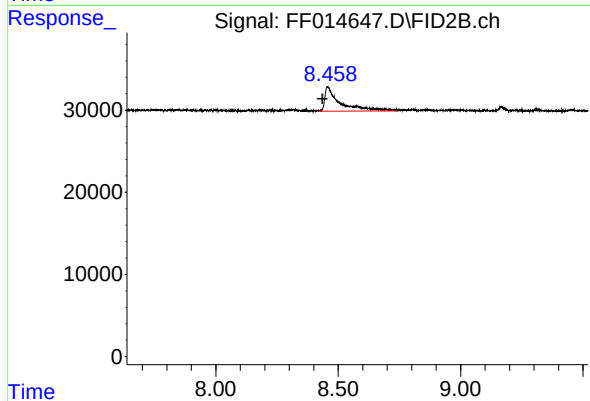
#2 N-DECANE

R.T.: 4.447 min
Delta R.T.: 0.005 min
Response: 111444
Conc: 0.82 ug/ml m



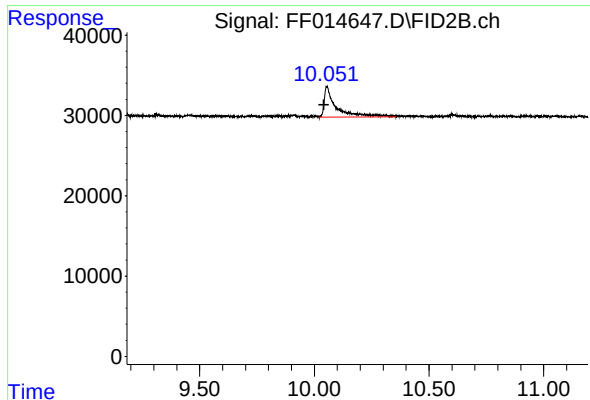
#3 N-DODECANE

R.T.: 6.616 min
Delta R.T.: 0.006 min
Response: 122114
Conc: 0.89 ug/ml m



#4 N-TETRADECANE

R.T.: 8.458 min
Delta R.T.: 0.021 min
Response: 128956
Conc: 0.94 ug/ml m



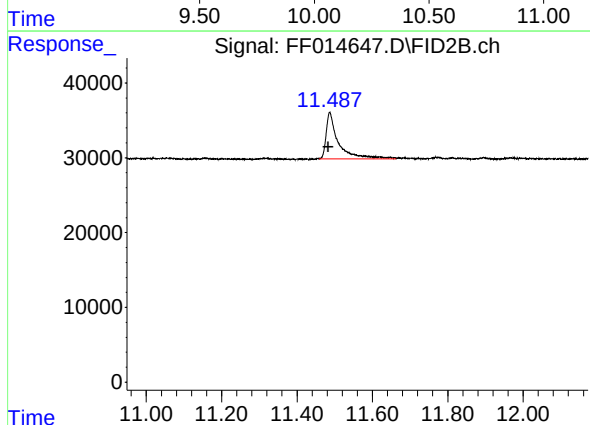
#5 N-HEXADECANE

R.T.: 10.051 min
Delta R.T.: 0.009 min
Response: 140093
Conc: 1.02 ug/ml

Instrument :
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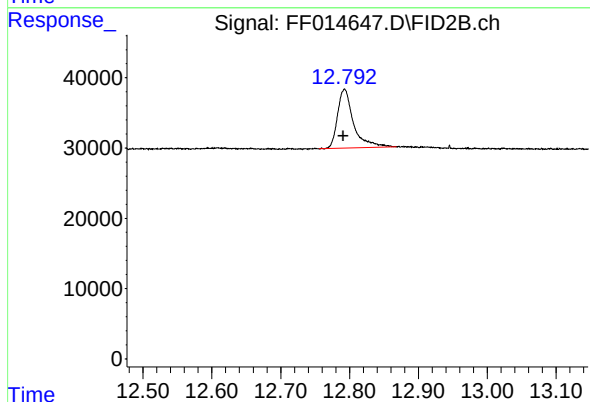
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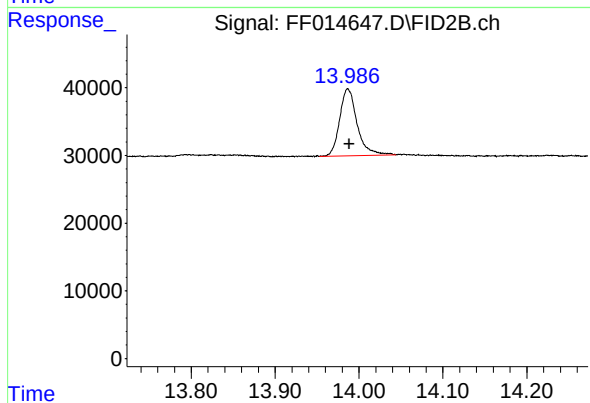
#6 N-OCTADECANE

R.T.: 11.487 min
Delta R.T.: 0.003 min
Response: 141426
Conc: 0.99 ug/ml m



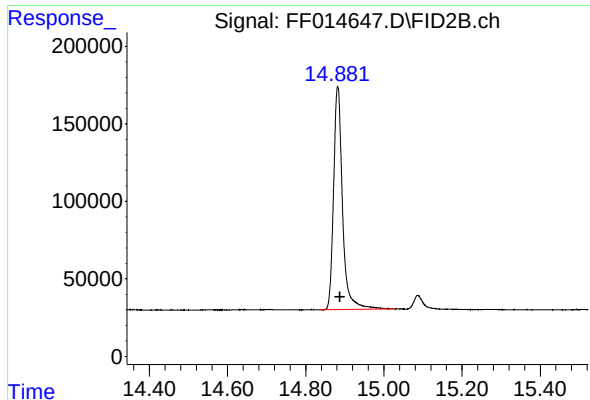
#7 N-EICOSANE

R.T.: 12.793 min
Delta R.T.: 0.002 min
Response: 135634
Conc: 0.91 ug/ml



#8 N-DOCOSANE

R.T.: 13.987 min
Delta R.T.: -0.002 min
Response: 143047
Conc: 0.98 ug/ml



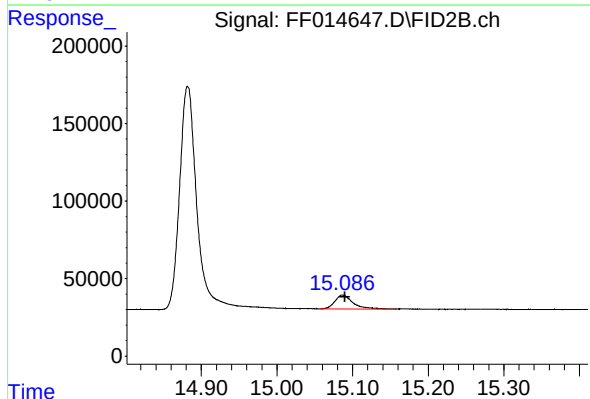
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.882 min
Delta R.T.: -0.005 min
Response: 2296167
Conc: 17.56 ug/ml

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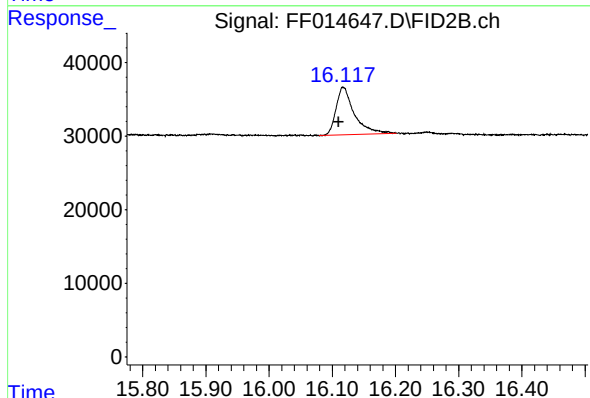
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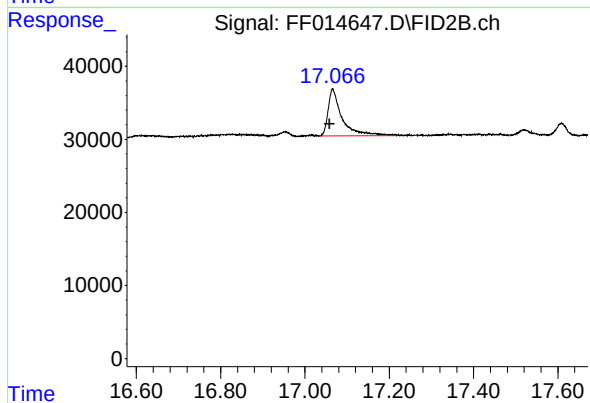
#10 N-TETRACOSANE

R.T.: 15.087 min
Delta R.T.: -0.003 min
Response: 147172
Conc: 1.01 ug/ml



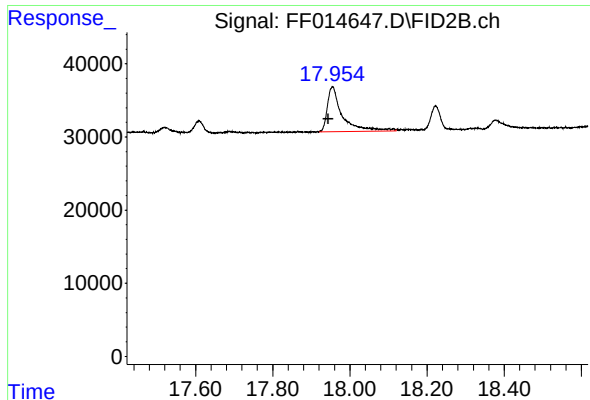
#11 N-HEXACOSANE

R.T.: 16.118 min
Delta R.T.: 0.008 min
Response: 129563
Conc: 0.89 ug/ml



#12 N-OCTACOSANE

R.T.: 17.066 min
Delta R.T.: 0.007 min
Response: 148296
Conc: 1.03 ug/ml m



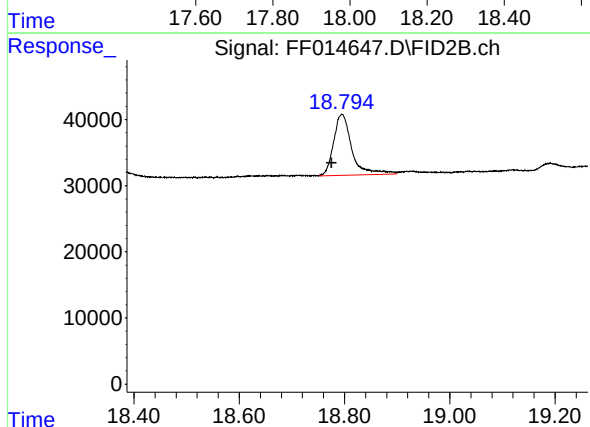
#13 N-TRIACONTANE

R.T.: 17.954 min
Delta R.T.: 0.010 min
Response: 166432
Conc: 1.14 ug/ml

Instrument :
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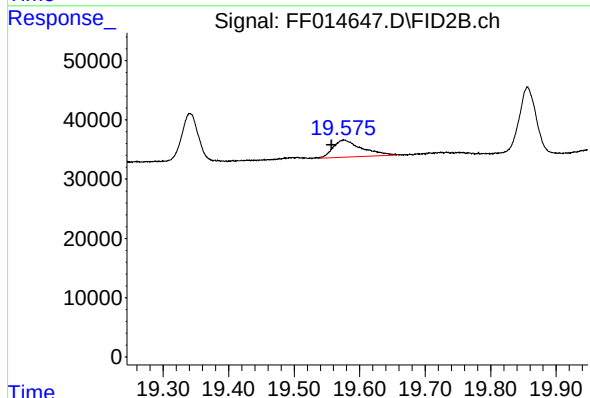
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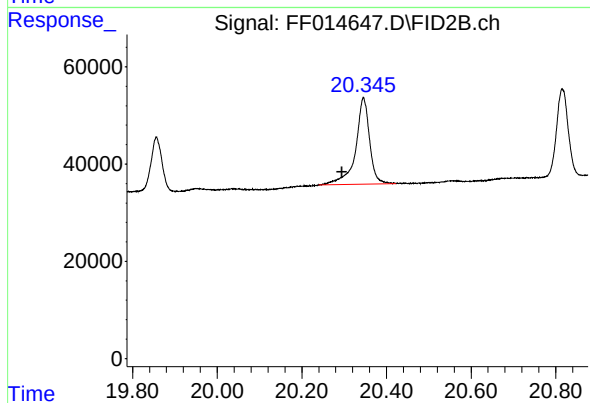
#14 N-DOTRIACONTANE

R.T.: 18.794 min
Delta R.T.: 0.019 min
Response: 220774
Conc: 1.52 ug/ml m



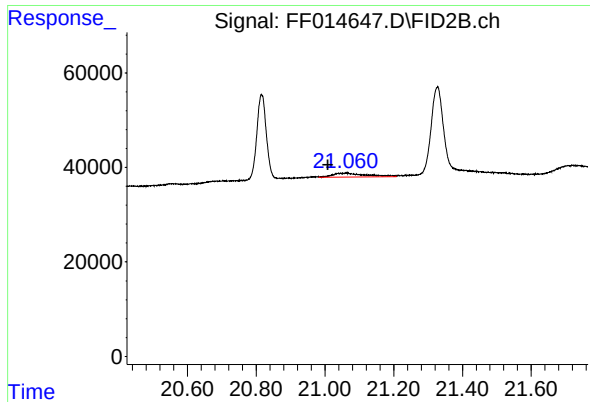
#15 N-TETRATRIACONTANE

R.T.: 19.575 min
Delta R.T.: 0.018 min
Response: 86998
Conc: 0.63 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.346 min
Delta R.T.: 0.051 min
Response: 405290
Conc: 3.04 ug/ml



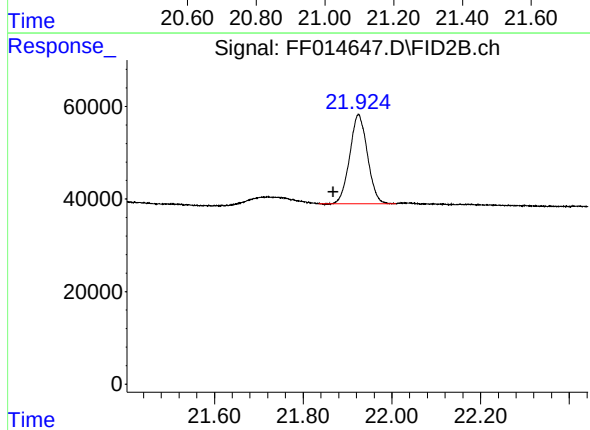
#17 N-OCTATRIACONTANE

R.T.: 21.060 min
Delta R.T.: 0.051 min
Response: 55776
Conc: 0.50 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.925 min
Delta R.T.: 0.056 min
Response: 533144
Conc: 5.71 ug/ml