

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF073124\
 Data File : FF014335.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 17:47
 Operator : YP\AJ
 Sample : P3390-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-04-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :Ankita Jodhani 08/01/2024

Integration File: autoint1.e
 Quant Time: Aug 01 02:21:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:21 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...	14.918	1536383	12.318 ug/ml
Target Compounds			
1) N-OCTANE	1.960	173627	1.377 ug/ml
2) N-DECANE	4.470	158789	1.225 ug/ml
3) N-DODECANE	6.636	137452	1.033 ug/ml
4) N-TETRADECANE	8.466	112457	0.865 ug/ml
5) N-HEXADECANE	10.074	107613	0.829 ug/ml
6) N-OCTADECANE	11.514	137973	1.004 ug/ml
7) N-EICOSANE	12.821	152591	1.119 ug/ml
8) N-DOCOSANE	14.020	165222	1.230 ug/ml
10) N-TETRACOSANE	15.123	172142	1.294 ug/ml
11) N-HEXACOSANE	16.150	151421	1.178 ug/ml
12) N-OCTACOSANE	17.099	158560	1.263 ug/ml
13) N-TRIACONTANE	17.987	169218	1.387 ug/ml
14) N-DOTRIACONTANE	18.820	176987	1.509 ug/ml
15) N-TETRATRIACONTANE	19.603	163574	1.718 ug/ml
16) N-HEXATRIACONTANE	20.347	113251	1.522 ug/ml
17) N-OCTATRIACONTANE	21.073	91969	1.363 ug/ml
18) N-TETRACONTANE	21.962	55501	0.882 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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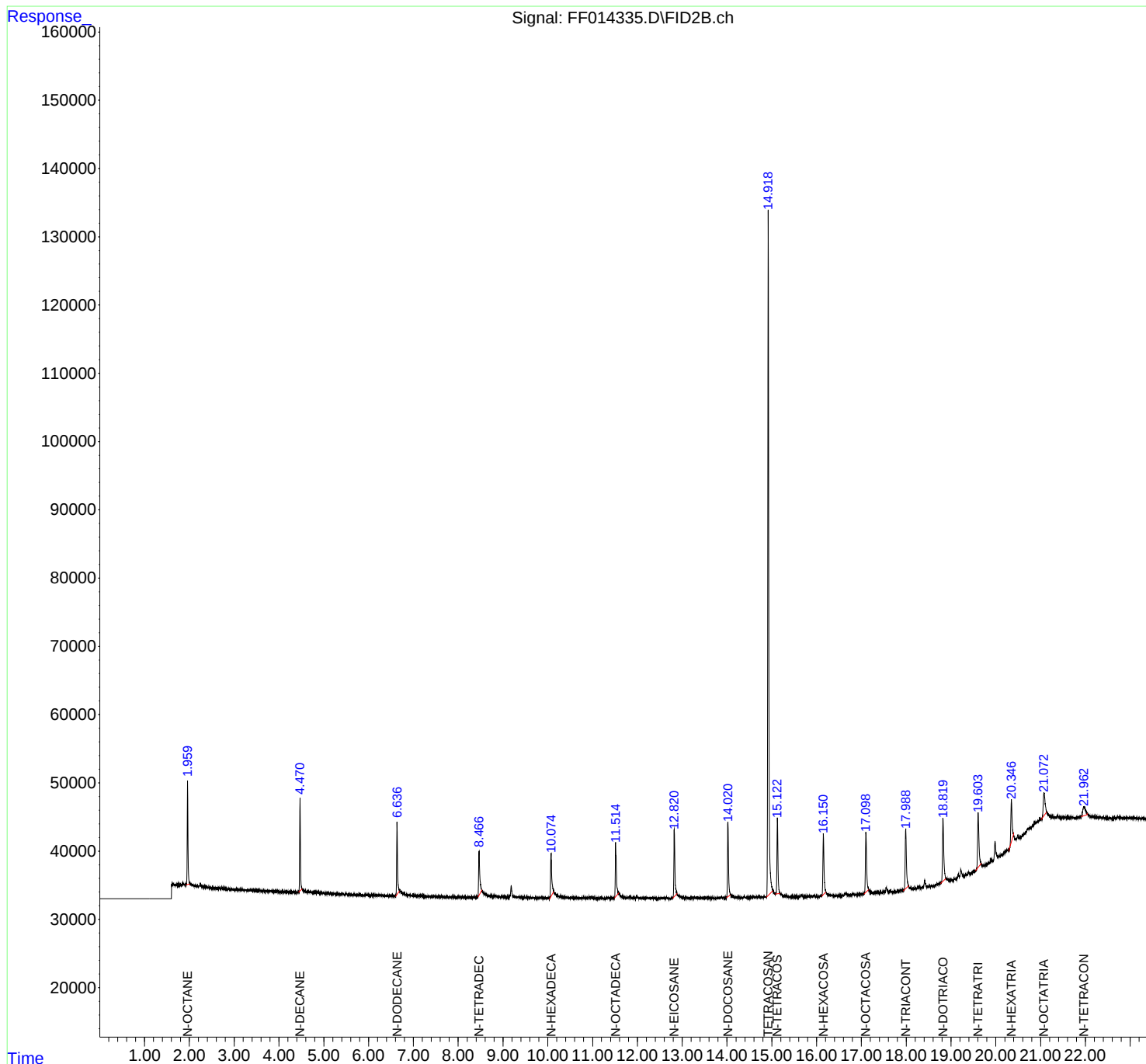
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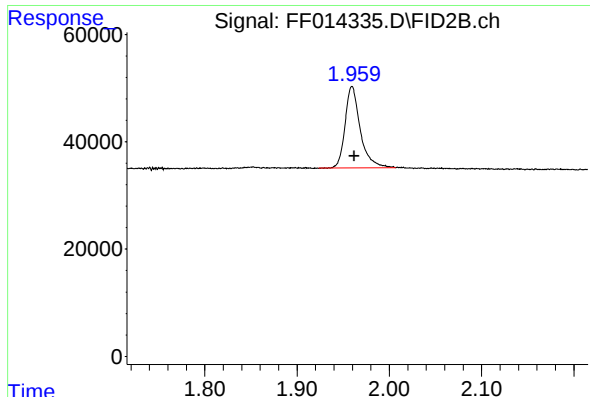
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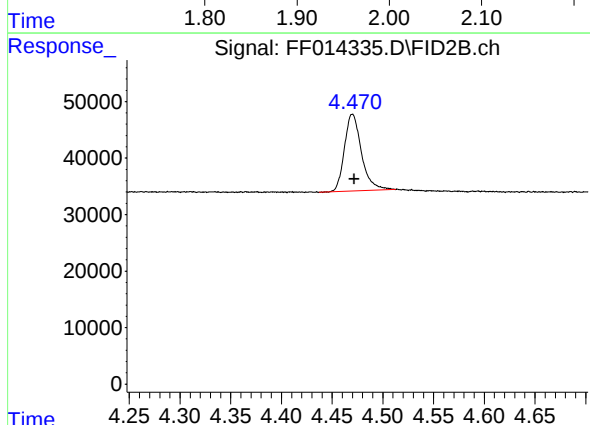
#1 N-OCTANE

R.T.: 1.960 min
Delta R.T.: -0.002 min
Response: 173627
Conc: 1.38 ug/ml

Instrument :
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ClientSampleId :
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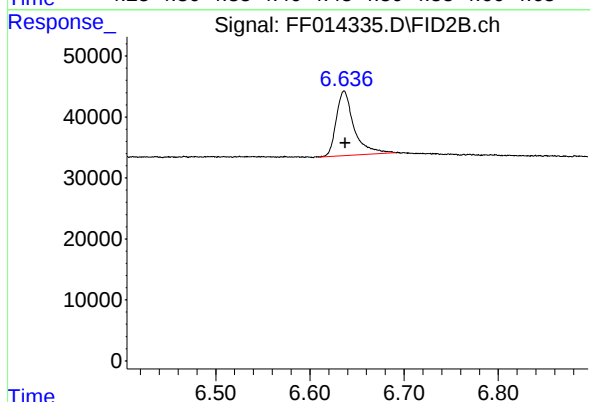
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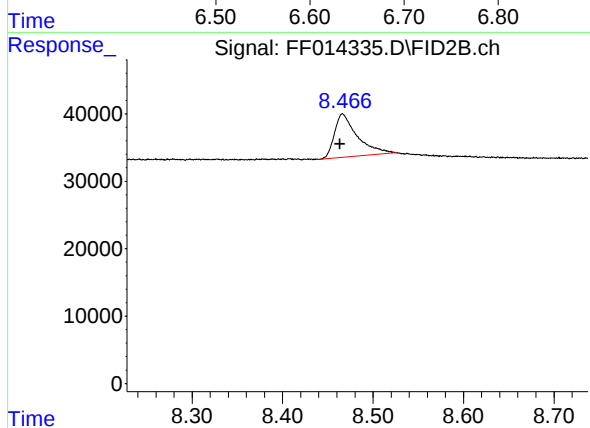
#2 N-DECANE

R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 158789
Conc: 1.23 ug/ml



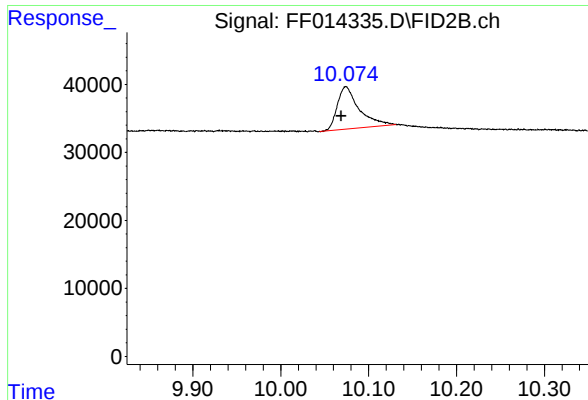
#3 N-DODECANE

R.T.: 6.636 min
Delta R.T.: -0.001 min
Response: 137452
Conc: 1.03 ug/ml



#4 N-TETRADECANE

R.T.: 8.466 min
Delta R.T.: 0.003 min
Response: 112457
Conc: 0.86 ug/ml



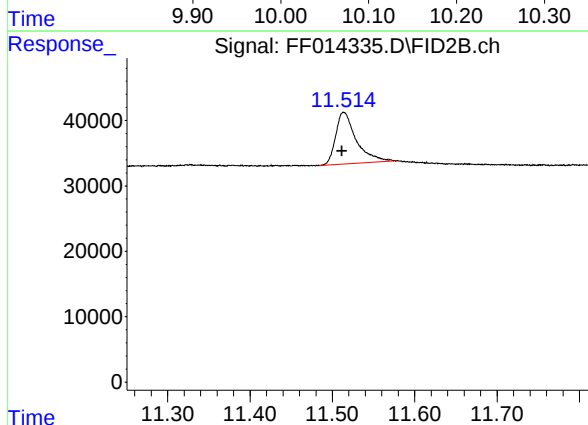
#5 N-HEXADECANE

R.T.: 10.074 min
Delta R.T.: 0.005 min
Response: 107613
Conc: 0.83 ug/ml

Instrument :
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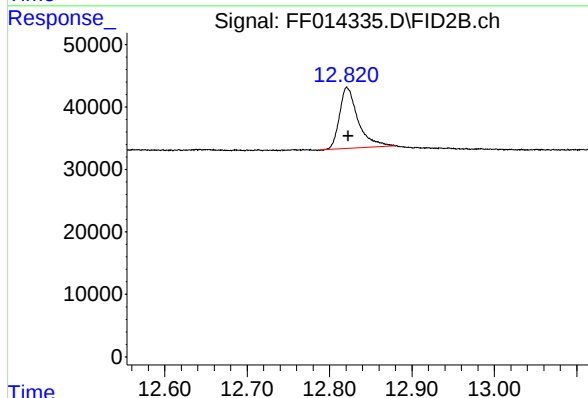
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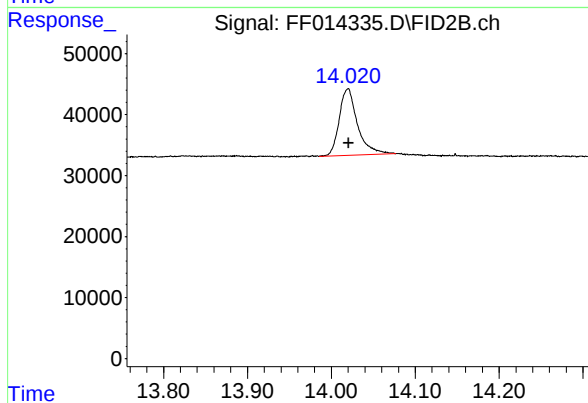
#6 N-OCTADECANE

R.T.: 11.514 min
Delta R.T.: 0.002 min
Response: 137973
Conc: 1.00 ug/ml



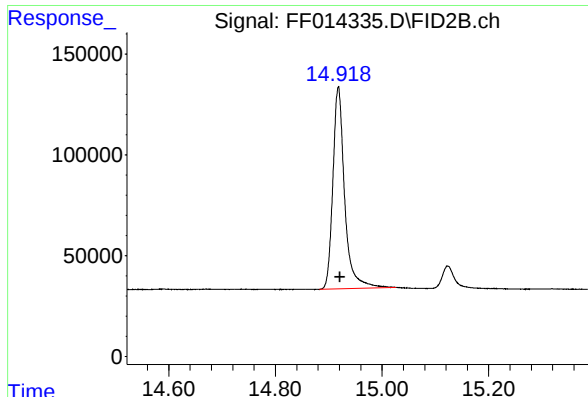
#7 N-EICOSANE

R.T.: 12.821 min
Delta R.T.: -0.002 min
Response: 152591
Conc: 1.12 ug/ml



#8 N-DOCOSANE

R.T.: 14.020 min
Delta R.T.: 0.000 min
Response: 165222
Conc: 1.23 ug/ml



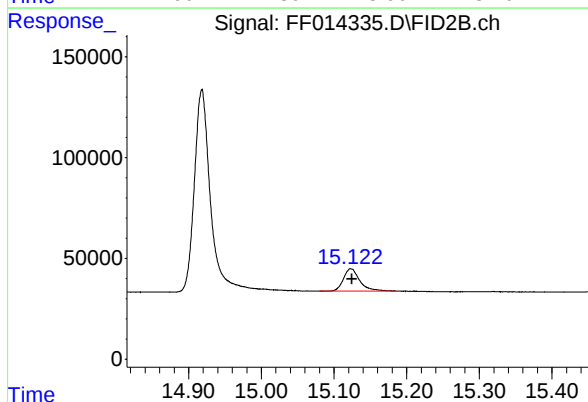
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.918 min
Delta R.T.: -0.003 min
Response: 1536383
Conc: 12.32 ug/ml

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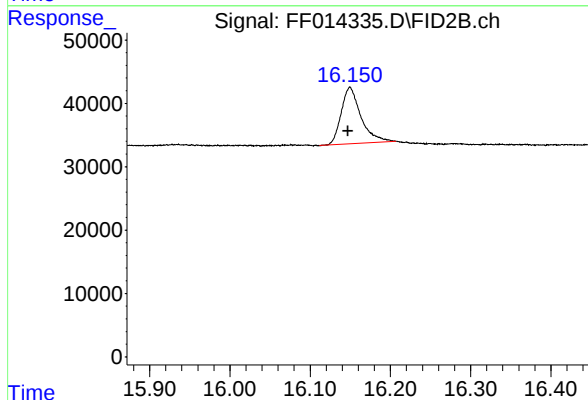
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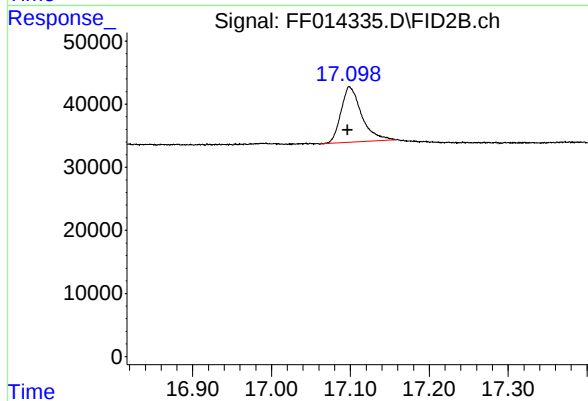
#10 N-TETRACOSANE

R.T.: 15.123 min
Delta R.T.: -0.001 min
Response: 172142
Conc: 1.29 ug/ml



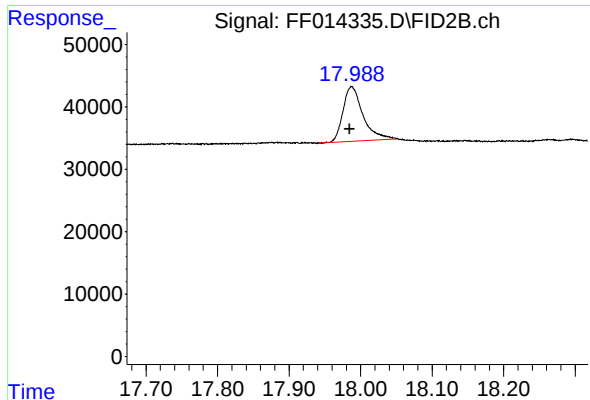
#11 N-HEXACOSANE

R.T.: 16.150 min
Delta R.T.: 0.002 min
Response: 151421
Conc: 1.18 ug/ml



#12 N-OCTACOSANE

R.T.: 17.099 min
Delta R.T.: 0.003 min
Response: 158560
Conc: 1.26 ug/ml



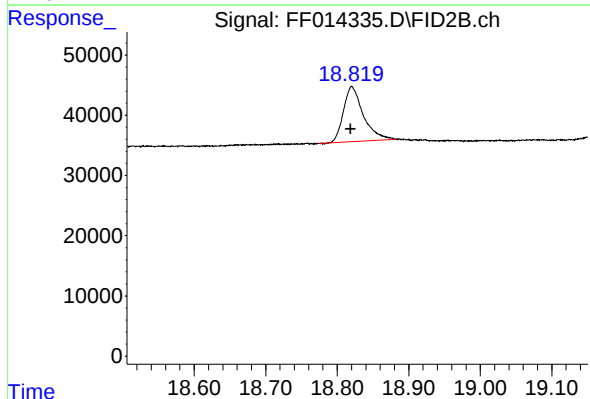
#13 N-TRIACONTANE

R.T.: 17.987 min
Delta R.T.: 0.003 min
Response: 169218
Conc: 1.39 ug/ml

Instrument :
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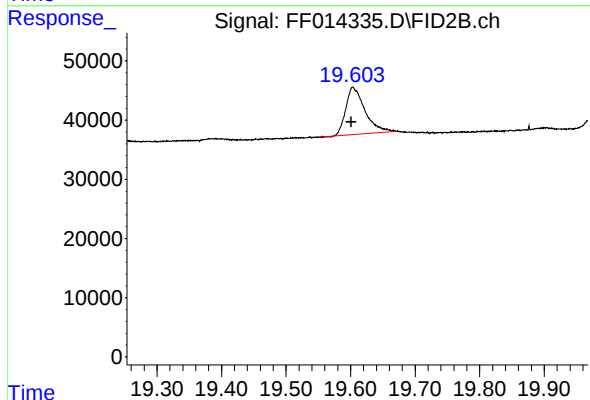
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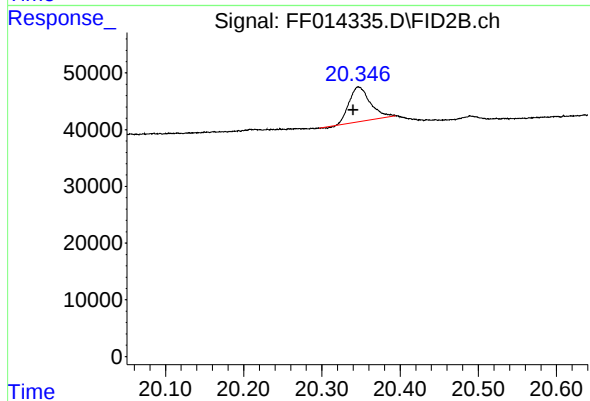
#14 N-DOTRIACONTANE

R.T.: 18.820 min
Delta R.T.: 0.001 min
Response: 176987
Conc: 1.51 ug/ml



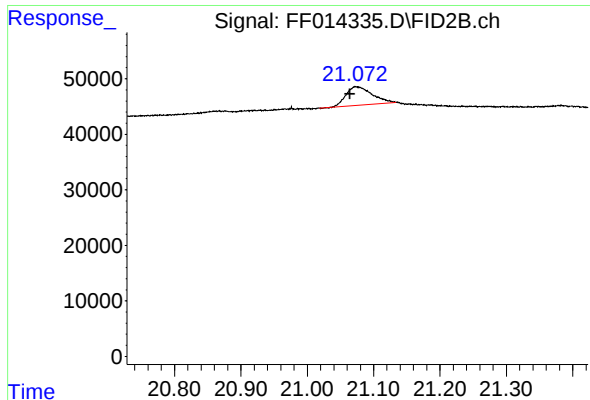
#15 N-TETRATRIACONTANE

R.T.: 19.603 min
Delta R.T.: 0.002 min
Response: 163574
Conc: 1.72 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.347 min
Delta R.T.: 0.007 min
Response: 113251
Conc: 1.52 ug/ml



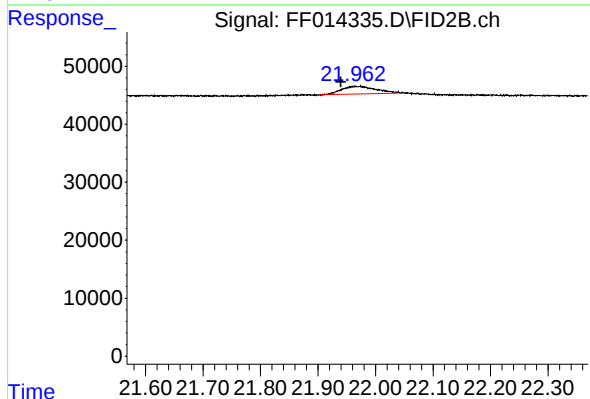
#17 N-OCTATRIACONTANE

R.T.: 21.073 min
Delta R.T.: 0.009 min
Response: 91969
Conc: 1.36 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.962 min
Delta R.T.: 0.022 min
Response: 55501
Conc: 0.88 ug/ml m