

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111522\
 Data File : FF011734.D
 Signal(s) : FID2B.ch
 Acq On : 15 Nov 2022 12:42
 Operator : YP\AJ
 Sample : N4955-06
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-06-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/16/2022
 Supervised By :Ankita Jodhani 11/16/2022

Integration File: autoint1.e
 Quant Time: Nov 16 04:34:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF110422.M
 Quant Title :
 QLast Update : Fri Nov 04 14:11:34 2022
 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...	15.055	1923975	16.216 ug/ml
Target Compounds			
1) N-OCTANE	2.091	122772	0.960 ug/ml
2) N-DECANE	4.612	136193	1.032 ug/ml
3) N-DODECANE	6.773	134314	0.999 ug/ml
4) N-TETRADECANE	8.598	132482	0.979 ug/ml
5) N-HEXADECANE	10.204	142852	1.039 ug/ml
6) N-OCTADECANE	11.647	144666	1.046 ug/ml
7) N-EICOSANE	12.956	155678	1.126 ug/ml
8) N-DOCOSANE	14.155	136850	1.014 ug/ml
10) N-TETRACOSANE	15.257	157099	1.158 ug/ml
11) N-HEXACOSANE	16.279	131525	0.984 ug/ml
12) N-OCTACOSANE	17.228	138442	1.045 ug/ml
13) N-TRIACONTANE	18.117	155393	1.178 ug/ml
14) N-DOTRIACONTANE	18.948	169580	1.260 ug/ml
15) N-TETRATRIACONTANE	19.732	147620	1.121 ug/ml
16) N-HEXATRIACONTANE	20.473	114808	0.932 ug/mlm
17) N-OCTATRIACONTANE	21.214	100793	0.866 ug/ml
18) N-TETRACONTANE	22.140	96737	0.890 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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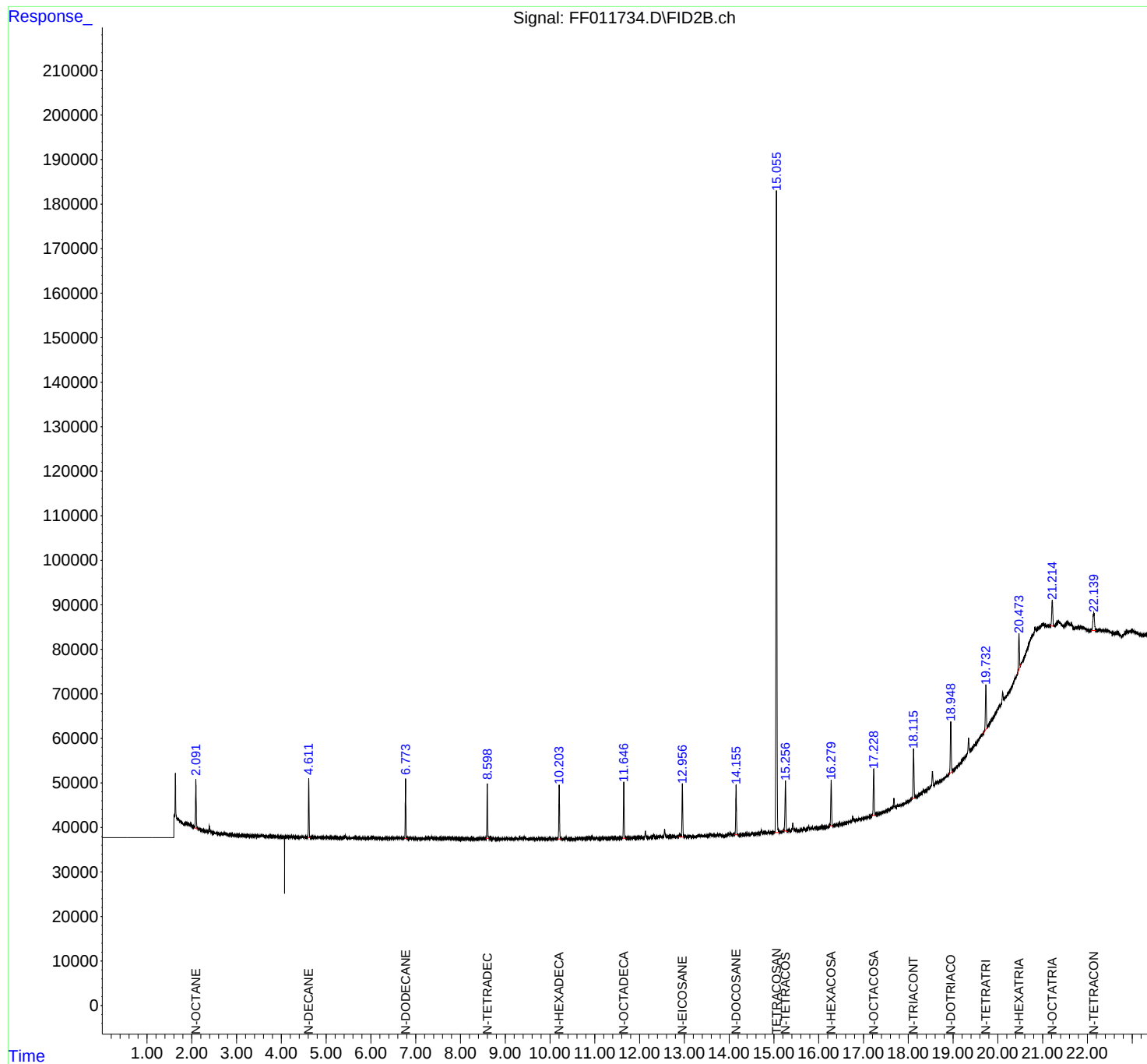
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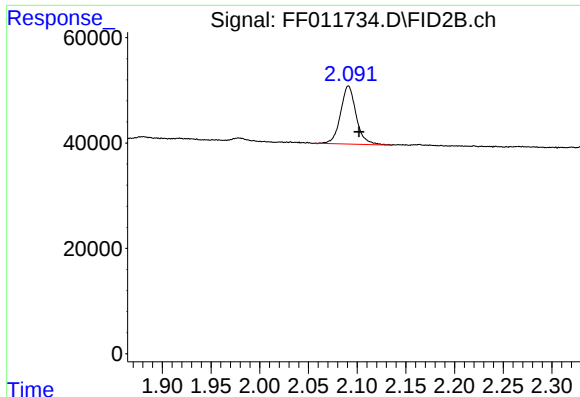
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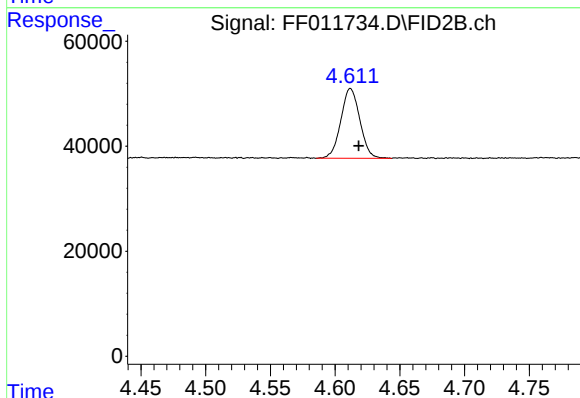
#1 N-OCTANE

R.T.: 2.091 min
Delta R.T.: -0.011 min
Response: 122772
Conc: 0.96 ug/ml

Instrument : FID_F
ClientSampleId : MDL-SOIL-06-QT4-2022

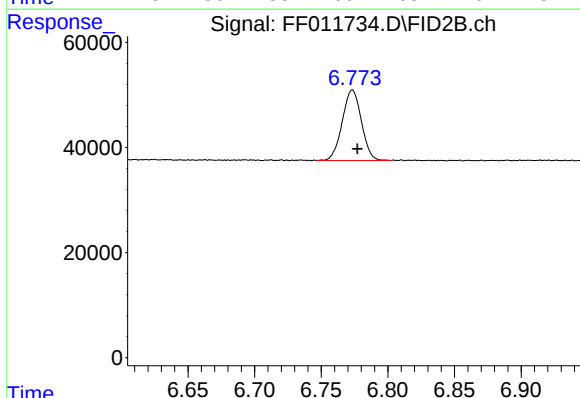
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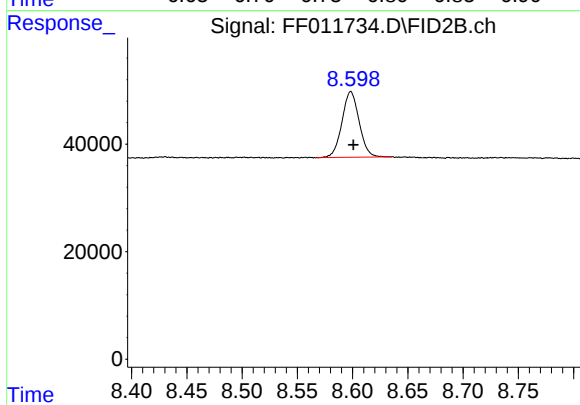
#2 N-DECANE

R.T.: 4.612 min
Delta R.T.: -0.006 min
Response: 136193
Conc: 1.03 ug/ml



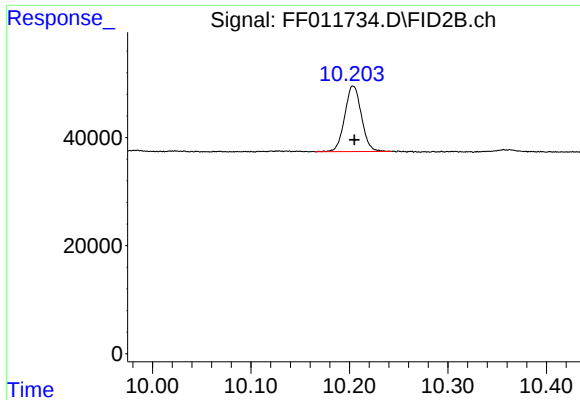
#3 N-DODECANE

R.T.: 6.773 min
Delta R.T.: -0.004 min
Response: 134314
Conc: 1.00 ug/ml



#4 N-TETRADECANE

R.T.: 8.598 min
Delta R.T.: -0.002 min
Response: 132482
Conc: 0.98 ug/ml



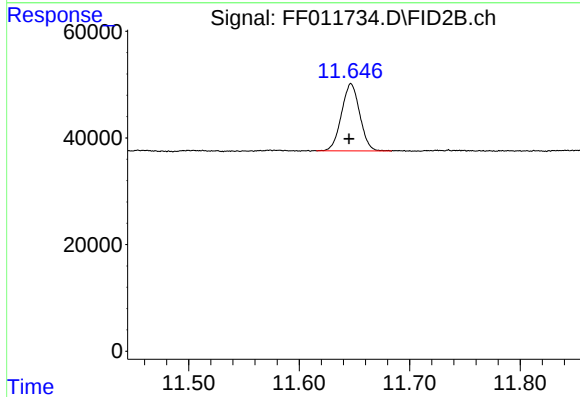
#5 N-HEXADECANE

R.T.: 10.204 min
Delta R.T.: -0.001 min
Response: 142852
Conc: 1.04 ug/ml

Instrument :
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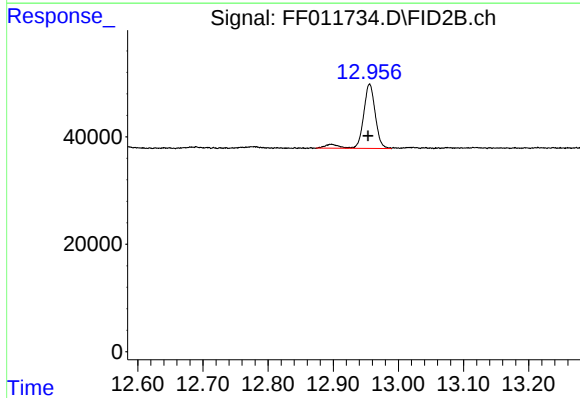
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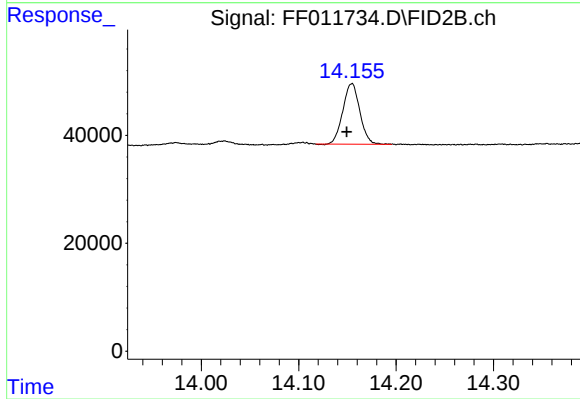
#6 N-OCTADECANE

R.T.: 11.647 min
Delta R.T.: 0.002 min
Response: 144666
Conc: 1.05 ug/ml



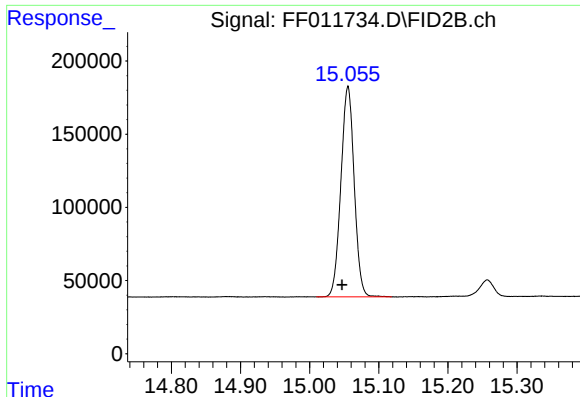
#7 N-EICOSANE

R.T.: 12.956 min
Delta R.T.: 0.002 min
Response: 155678
Conc: 1.13 ug/ml



#8 N-DOCOSANE

R.T.: 14.155 min
Delta R.T.: 0.005 min
Response: 136850
Conc: 1.01 ug/ml



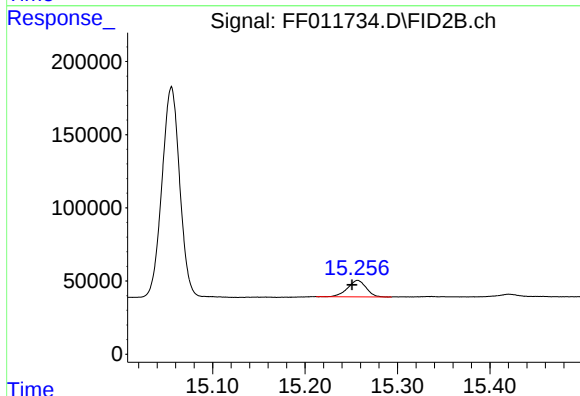
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.055 min
Delta R.T.: 0.008 min
Response: 1923975
Conc: 16.22 ug/ml

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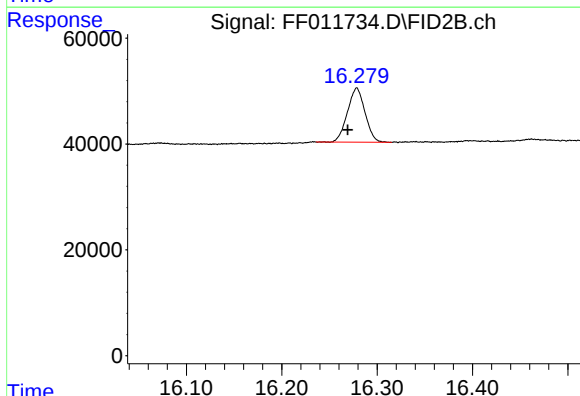
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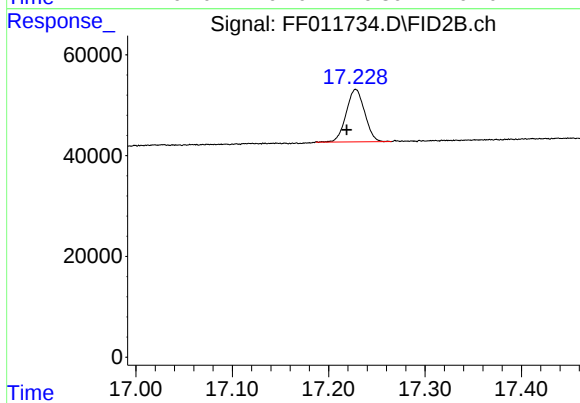
#10 N-TETRACOSANE

R.T.: 15.257 min
Delta R.T.: 0.006 min
Response: 157099
Conc: 1.16 ug/ml



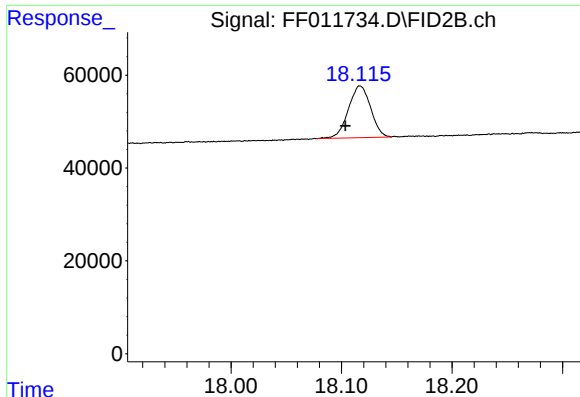
#11 N-HEXACOSANE

R.T.: 16.279 min
Delta R.T.: 0.010 min
Response: 131525
Conc: 0.98 ug/ml



#12 N-OCTACOSANE

R.T.: 17.228 min
Delta R.T.: 0.009 min
Response: 138442
Conc: 1.05 ug/ml



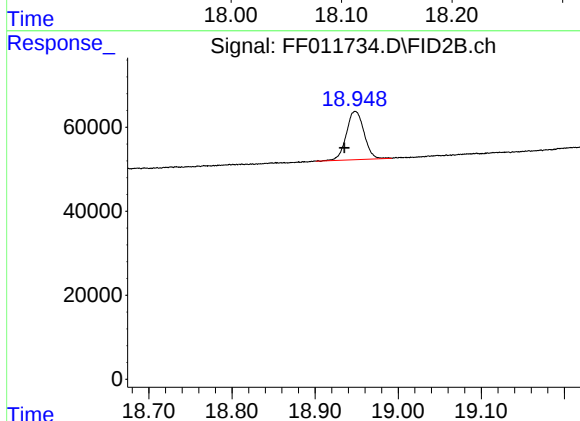
#13 N-TRIACONTANE

R.T.: 18.117 min
Delta R.T.: 0.013 min
Response: 155393
Conc: 1.18 ug/ml

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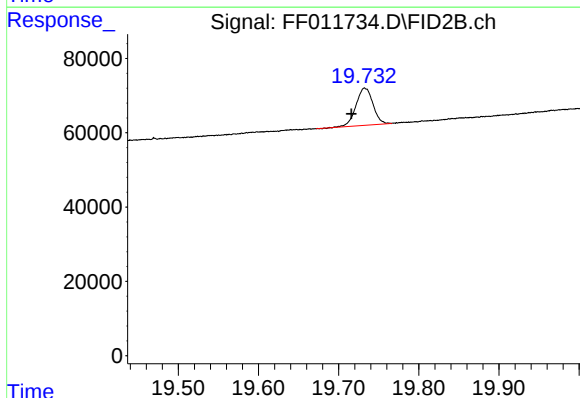
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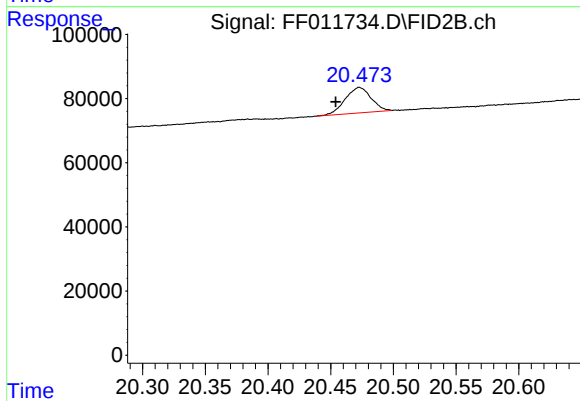
#14 N-DOTRIACONTANE

R.T.: 18.948 min
Delta R.T.: 0.013 min
Response: 169580
Conc: 1.26 ug/ml



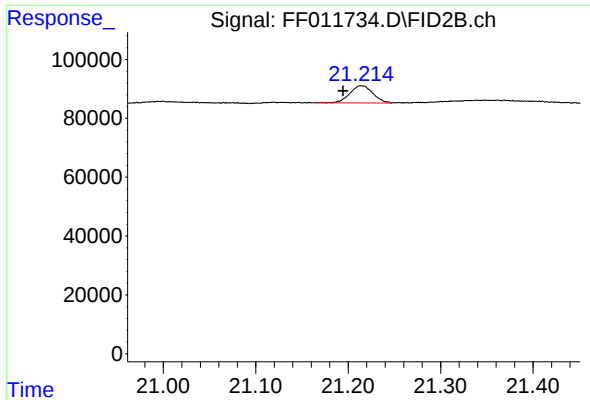
#15 N-TETRATRIACONTANE

R.T.: 19.732 min
Delta R.T.: 0.016 min
Response: 147620
Conc: 1.12 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.473 min
Delta R.T.: 0.019 min
Response: 114808
Conc: 0.93 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.214 min
Delta R.T.: 0.020 min
Response: 100793
Conc: 0.87 ug/ml

Instrument :

FID_F

ClientSampleId :

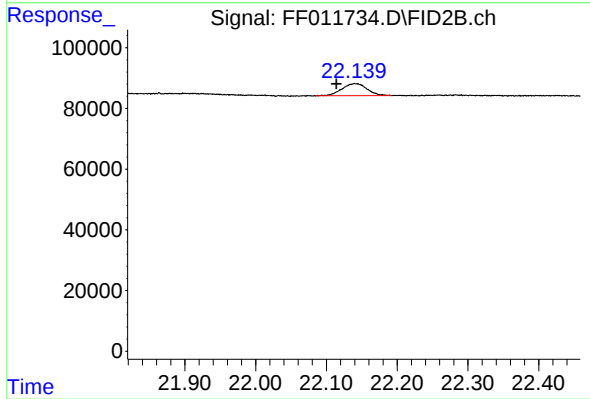
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#18 N-TETRACONTANE

R.T.: 22.140 min
Delta R.T.: 0.026 min
Response: 96737
Conc: 0.89 ug/ml