

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080723\
 Data File : FF013136.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2023 21:53
 Operator : YP\AJ
 Sample : 03572-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-06-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2023
 Supervised By :Ankita Jodhani 08/08/2023

Integration File: autoint1.e
 Quant Time: Aug 08 04:43:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080223.M
 Quant Title :
 QLast Update : Wed Aug 02 19:16:13 2023
 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...	14.987	2198139	20.394 ug/ml
Target Compounds			
1) N-OCTANE	2.013	106019	0.938 ug/ml
2) N-DECANE	4.539	121972	1.048 ug/ml
3) N-DODECANE	6.704	124256	1.061 ug/ml
4) N-TETRADECANE	8.528	129019	1.095 ug/ml
5) N-HEXADECANE	10.136	129784	1.088 ug/ml
6) N-OCTADECANE	11.578	132021	1.087 ug/ml
7) N-EICOSANE	12.888	132302	1.095 ug/ml
8) N-DOCOSANE	14.086	130665	1.083 ug/ml
10) N-TETRACOSANE	15.189	133411	1.090 ug/ml
11) N-HEXACOSANE	16.209	132566	1.064 ug/ml
12) N-OCTACOSANE	17.158	135683	1.098 ug/ml
13) N-TRIACONTANE	18.044	145618	1.199 ug/ml
14) N-DOTRIACONTANE	18.876	160124	1.421 ug/ml
15) N-TETRATRIACONTANE	19.659	132909	1.334 ug/ml
16) N-HEXATRIACONTANE	20.398	109254	1.222 ug/mlm
17) N-OCTATRIACONTANE	21.129	90357	1.152 ug/ml
18) N-TETRACONTANE	22.024	80726	1.071 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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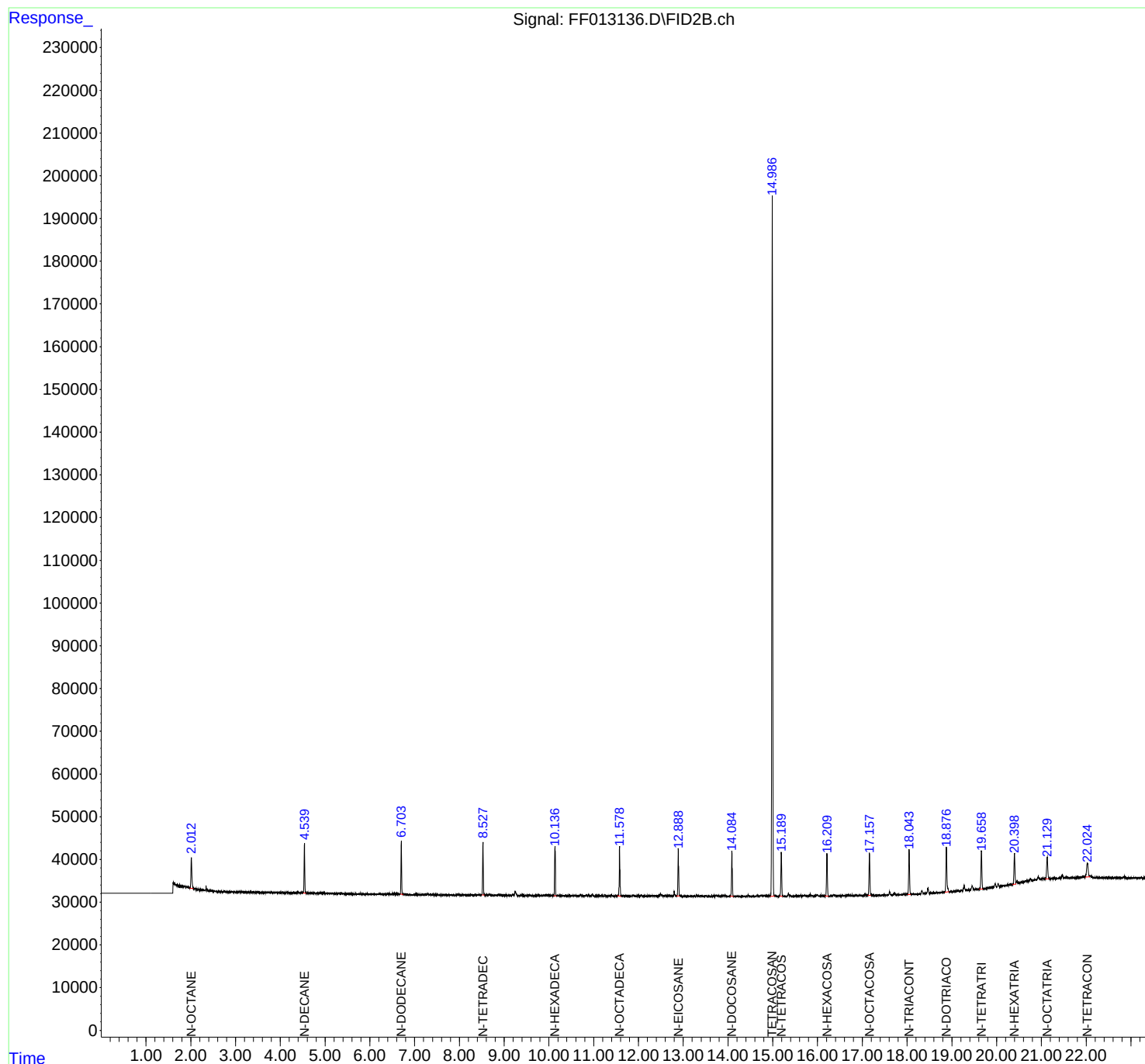
Instrument :
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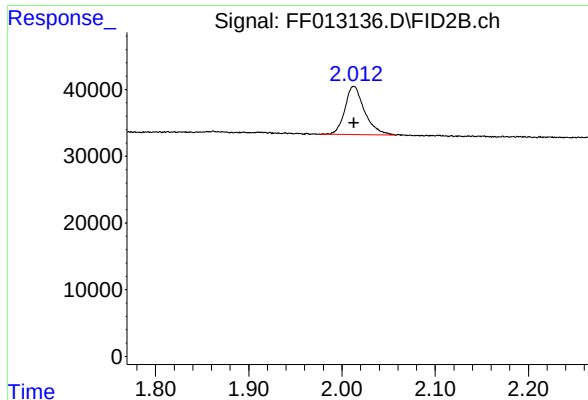
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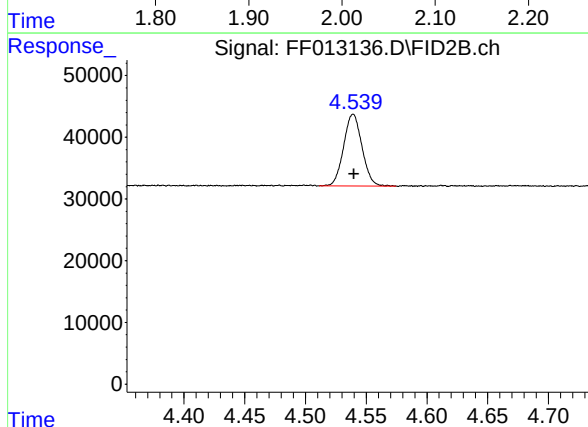
#1 N-OCTANE

R.T.: 2.013 min
Delta R.T.: 0.000 min
Response: 106019
Conc: 0.94 ug/ml

Instrument :
FID_F
ClientSampleId :
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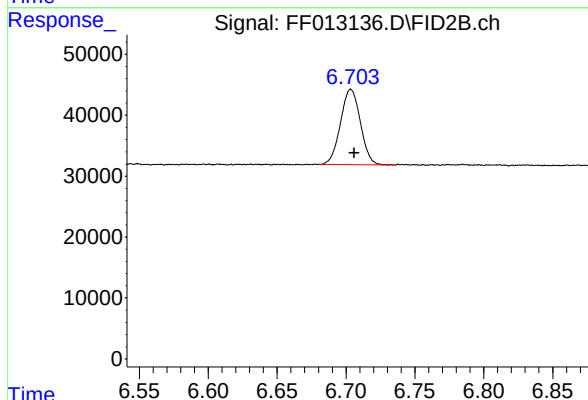
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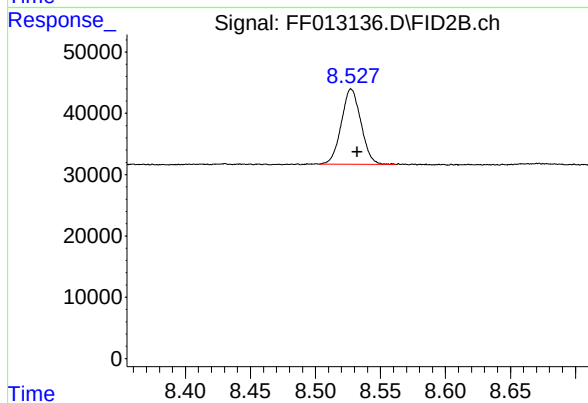
#2 N-DECANE

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 121972
Conc: 1.05 ug/ml



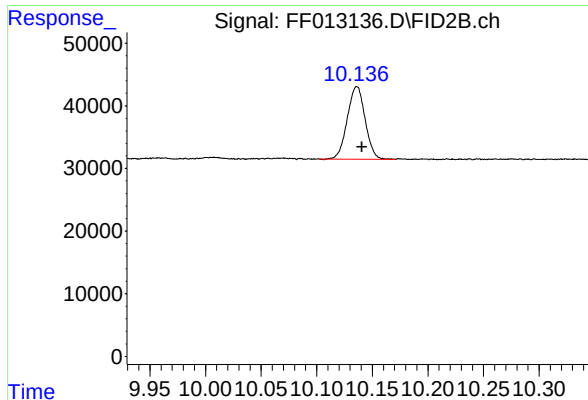
#3 N-DODECANE

R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 124256
Conc: 1.06 ug/ml



#4 N-TETRADECANE

R.T.: 8.528 min
Delta R.T.: -0.004 min
Response: 129019
Conc: 1.09 ug/ml



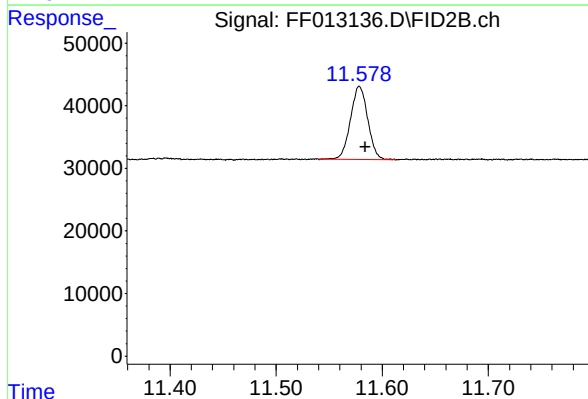
#5 N-HEXADECANE

R.T.: 10.136 min
Delta R.T.: -0.005 min
Response: 129784
Conc: 1.09 ug/ml

Instrument :
FID_F
ClientSampleId :
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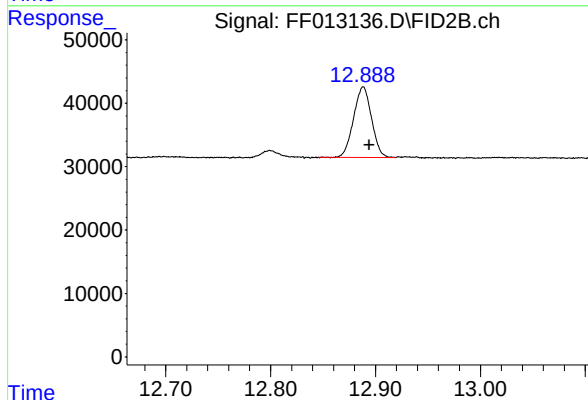
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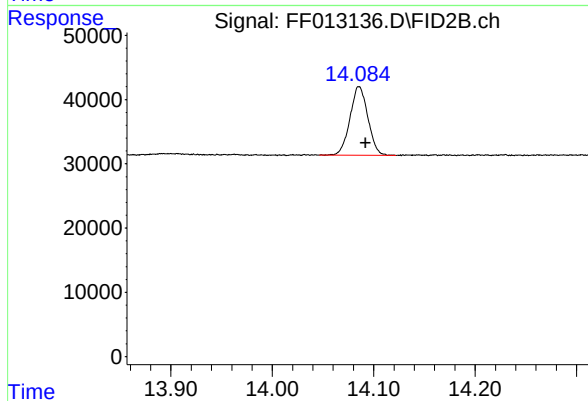
#6 N-OCTADECANE

R.T.: 11.578 min
Delta R.T.: -0.006 min
Response: 132021
Conc: 1.09 ug/ml



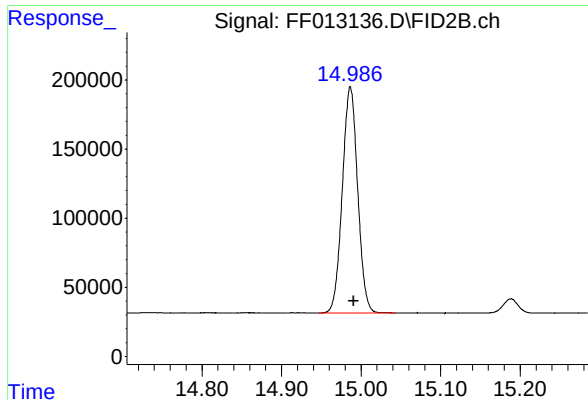
#7 N-EICOSANE

R.T.: 12.888 min
Delta R.T.: -0.006 min
Response: 132302
Conc: 1.09 ug/ml



#8 N-DOCOSANE

R.T.: 14.086 min
Delta R.T.: -0.007 min
Response: 130665
Conc: 1.08 ug/ml



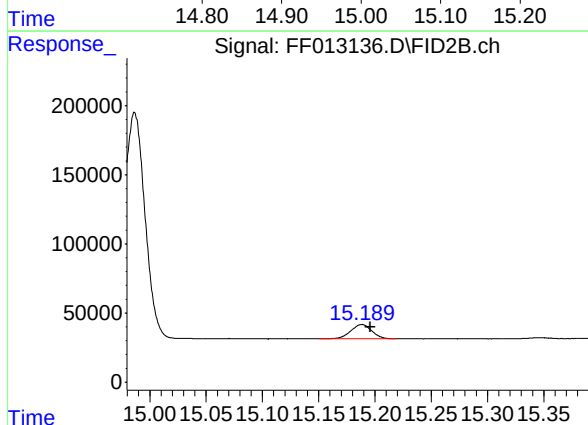
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.987 min
Delta R.T.: -0.004 min
Response: 2198139
Conc: 20.39 ug/ml

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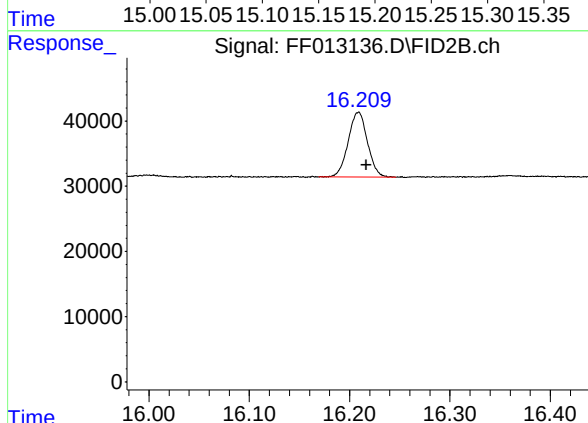
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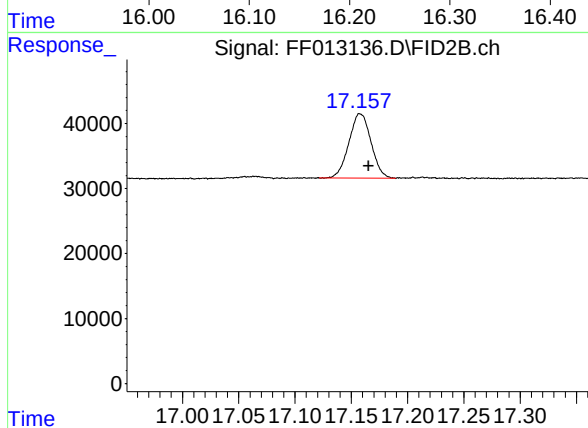
#10 N-TETRACOSANE

R.T.: 15.189 min
Delta R.T.: -0.007 min
Response: 133411
Conc: 1.09 ug/ml



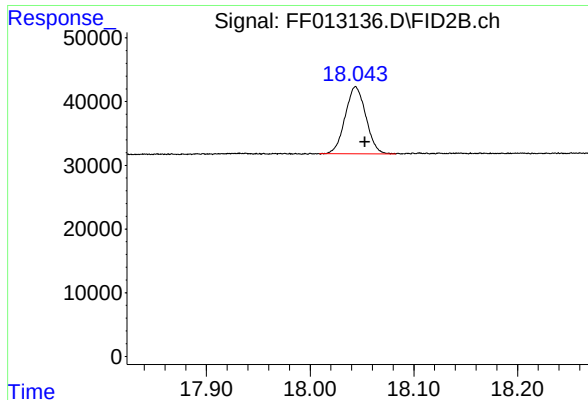
#11 N-HEXACOSANE

R.T.: 16.209 min
Delta R.T.: -0.008 min
Response: 132566
Conc: 1.06 ug/ml



#12 N-OCTACOSANE

R.T.: 17.158 min
Delta R.T.: -0.008 min
Response: 135683
Conc: 1.10 ug/ml



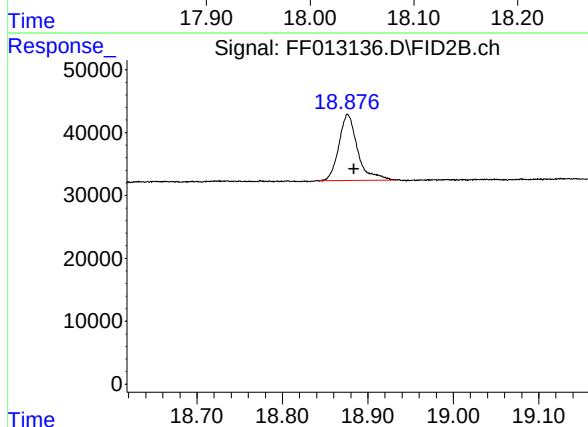
#13 N-TRIACONTANE

R.T.: 18.044 min
Delta R.T.: -0.009 min
Response: 145618
Conc: 1.20 ug/ml

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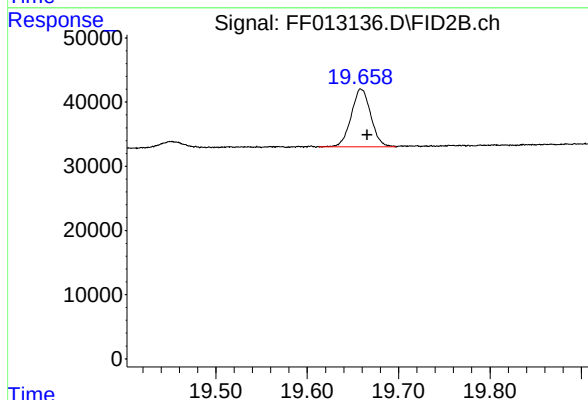
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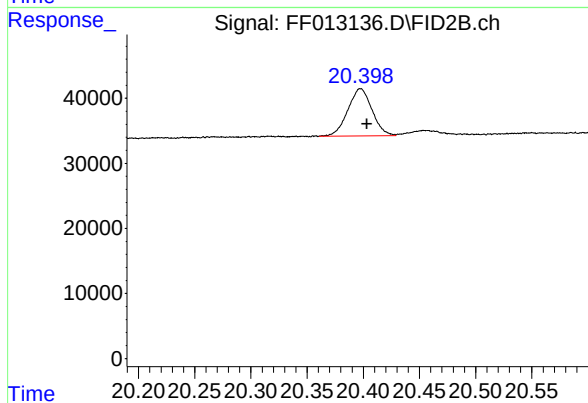
#14 N-DOTRIACONTANE

R.T.: 18.876 min
Delta R.T.: -0.007 min
Response: 160124
Conc: 1.42 ug/ml



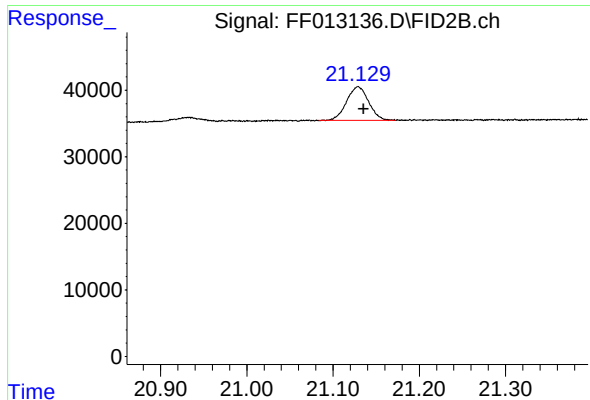
#15 N-TETRATRIACONTANE

R.T.: 19.659 min
Delta R.T.: -0.007 min
Response: 132909
Conc: 1.33 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.398 min
Delta R.T.: -0.005 min
Response: 109254
Conc: 1.22 ug/ml m



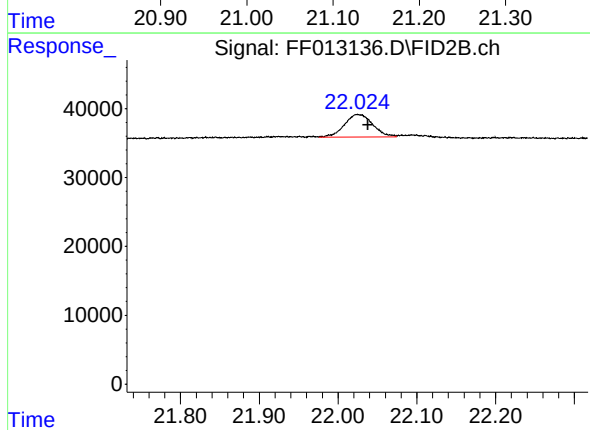
#17 N-OCTATRIACONTANE

R.T.: 21.129 min
Delta R.T.: -0.007 min
Response: 90357
Conc: 1.15 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.024 min
Delta R.T.: -0.014 min
Response: 80726
Conc: 1.07 ug/ml m