

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090822\
 Data File : FG010530.D
 Signal(s) : FID1A.ch
 Acq On : 08 Sep 2022 18:09
 Operator : YP\AJ
 Sample : N4528-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PIT-12MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2022
 Supervised By :Ankita Jodhani 09/09/2022

Integration File: Sample.e
 Quant Time: Sep 09 07:55:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG082622.M
 Quant Title :
 QLast Update : Fri Aug 26 23:48:05 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...	14.814	1638250	13.386 ug/mlm
Target Compounds			
1) N-OCTANE	1.807	2230059	17.720 ug/mlm
2) N-DECANE	4.315	5807469	45.308 ug/ml
3) N-DODECANE	6.510	7194240	54.663 ug/mlm
4) N-TETRADECANE	8.322	1875572	13.857 ug/mlm
5) N-HEXADECANE	9.925	3441938	24.564 ug/mlm
6) N-OCTADECANE	11.371	2194962	15.373 ug/mlm
7) N-EICOSANE	12.661	5925230	41.499 ug/mlm
8) N-DOCOSANE	13.927	4279387	30.709 ug/mlm
10) N-TETRACOSANE	15.019	1898886	13.704 ug/mlm
11) N-HEXACOSANE	16.041	2640228	19.462 ug/mlm
12) N-OCTACOSANE	16.994	5396294	40.806 ug/mlm
13) N-TRIACONTANE	17.886	3433718	26.499 ug/mlm
14) N-DOTRIACONTANE	18.715	2559404	20.019 ug/mlm
15) N-TETRATRIACONTANE	19.497	3248708	26.261 ug/mlm
16) N-HEXATRIACONTANE	20.234	2417583	20.829 ug/mlm
17) N-OCTATRIACONTANE	20.941	2450636	21.336 ug/mlm
18) N-TETRACONTANE	21.787	2130243	18.068 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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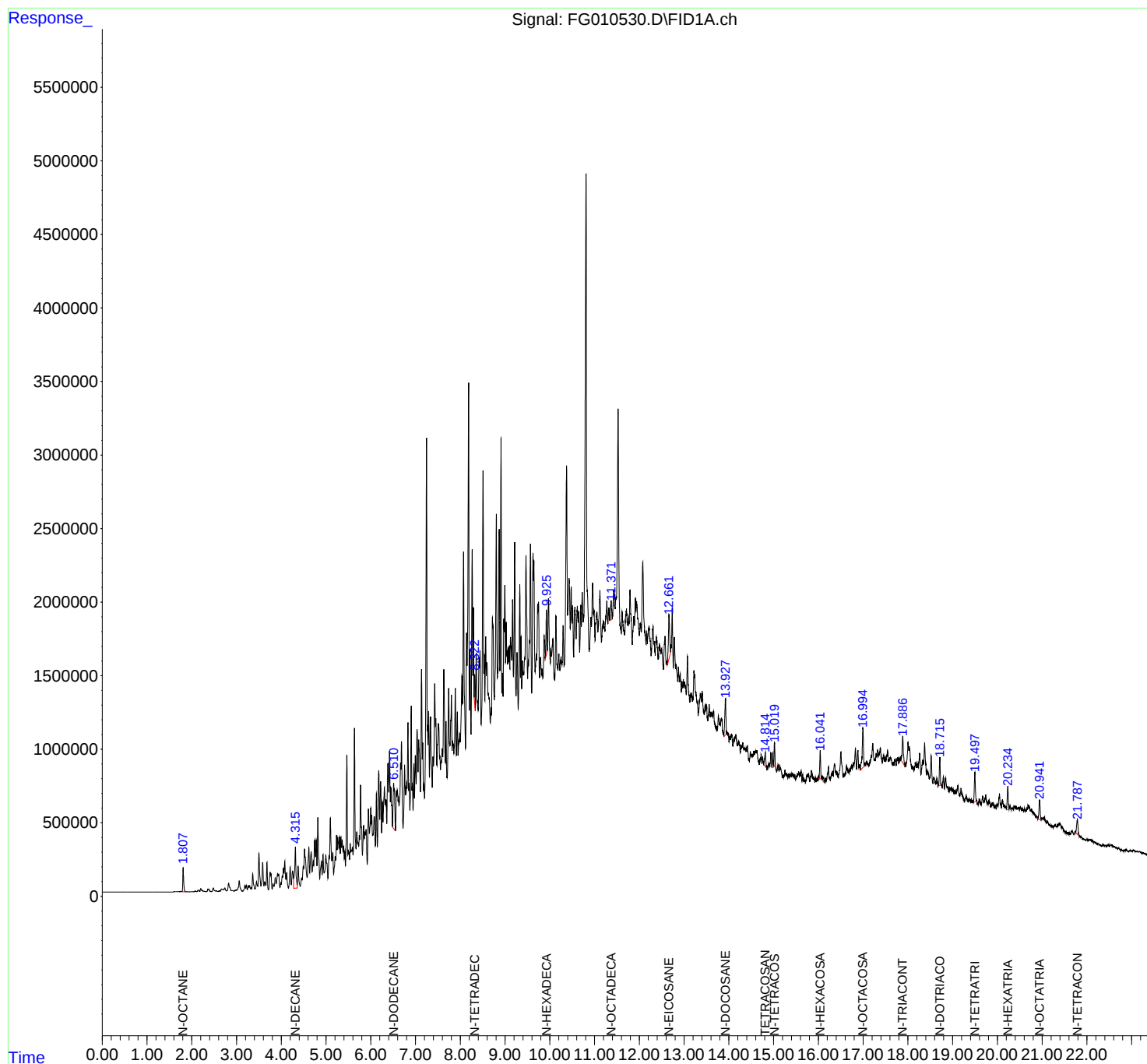
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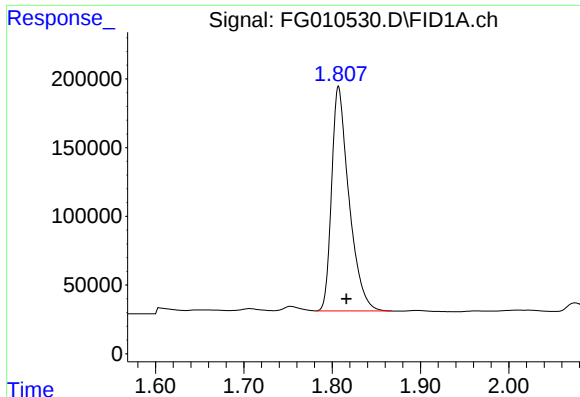
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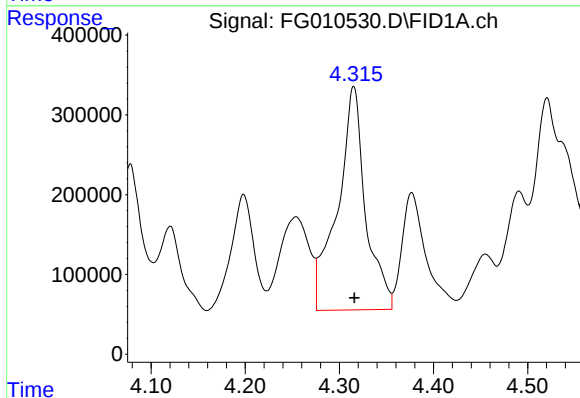
#1 N-OCTANE

R.T.: 1.807 min
Delta R.T.: -0.009 min
Response: 2230059
Conc: 17.72 ug/ml

Instrument :
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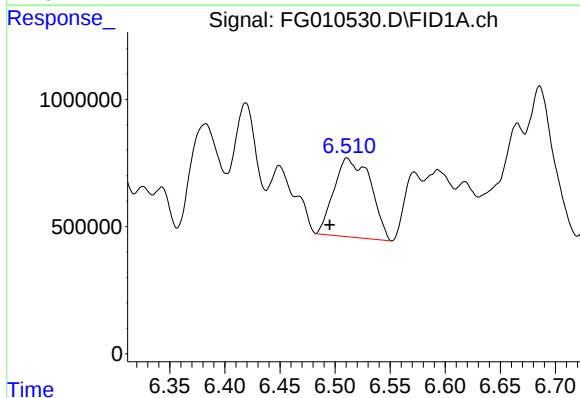
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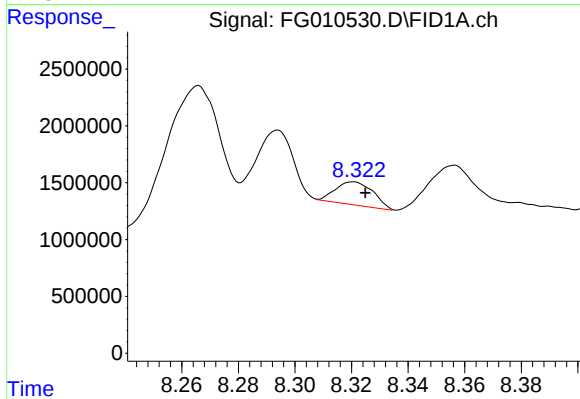
#2 N-DECANE

R.T.: 4.315 min
Delta R.T.: 0.000 min
Response: 5807469
Conc: 45.31 ug/ml



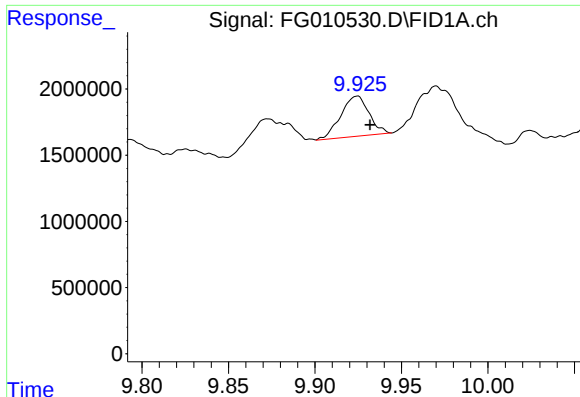
#3 N-DODECANE

R.T.: 6.510 min
Delta R.T.: 0.015 min
Response: 7194240
Conc: 54.66 ug/ml m



#4 N-TETRADECANE

R.T.: 8.322 min
Delta R.T.: -0.003 min
Response: 1875572
Conc: 13.86 ug/ml m



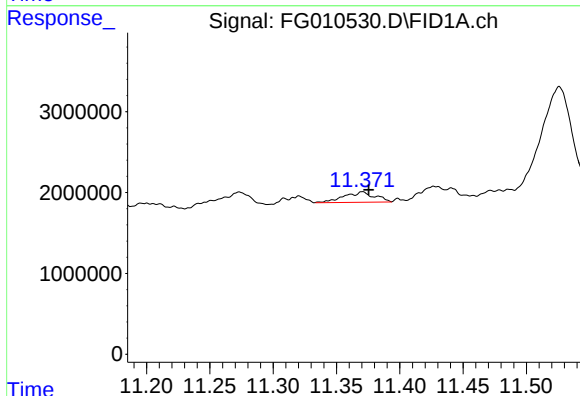
#5 N-HEXADECANE

R.T.: 9.925 min
Delta R.T.: -0.007 min
Response: 3441938
Conc: 24.56 ug/ml

Instrument :
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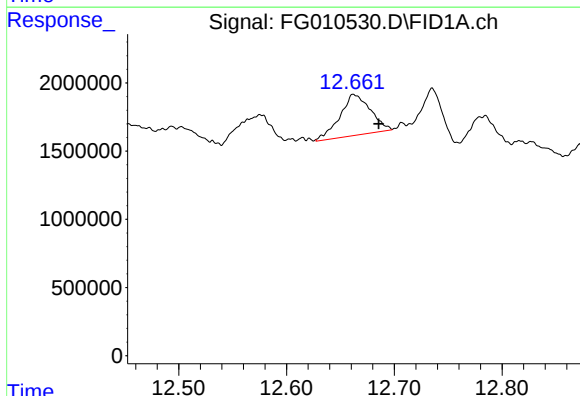
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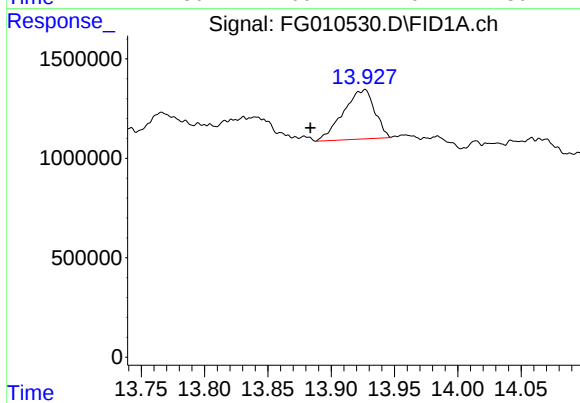
#6 N-OCTADECANE

R.T.: 11.371 min
Delta R.T.: -0.005 min
Response: 2194962
Conc: 15.37 ug/ml m



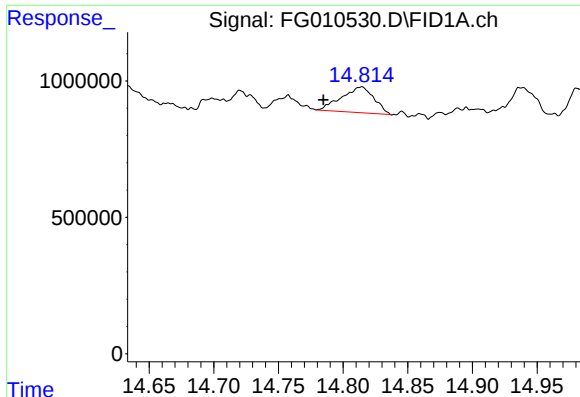
#7 N-EICOSANE

R.T.: 12.661 min
Delta R.T.: -0.024 min
Response: 5925230
Conc: 41.50 ug/ml m



#8 N-DOCOSANE

R.T.: 13.927 min
Delta R.T.: 0.043 min
Response: 4279387
Conc: 30.71 ug/ml m



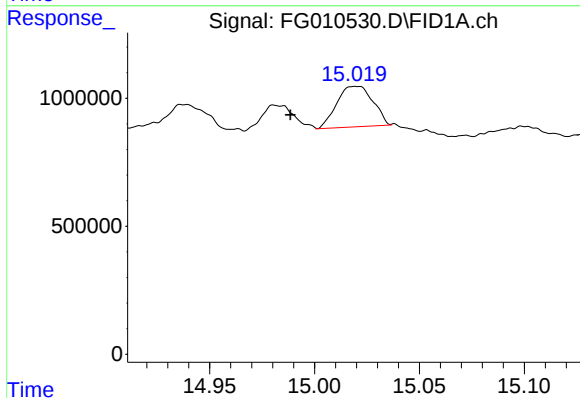
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.814 min
Delta R.T.: 0.030 min
Response: 1638250
Conc: 13.39 ug/ml

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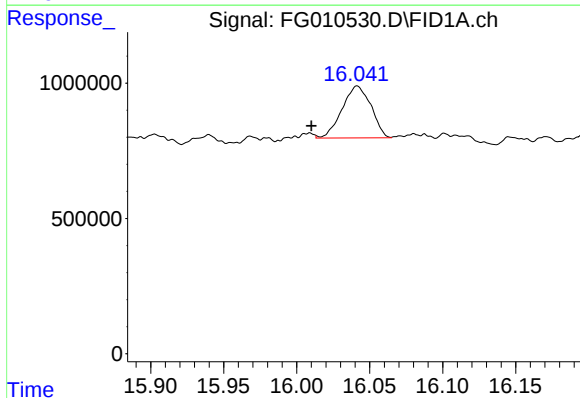
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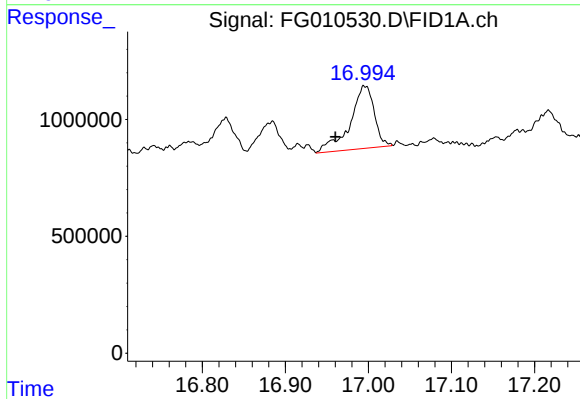
#10 N-TETRACOSANE

R.T.: 15.019 min
Delta R.T.: 0.031 min
Response: 1898886
Conc: 13.70 ug/ml m



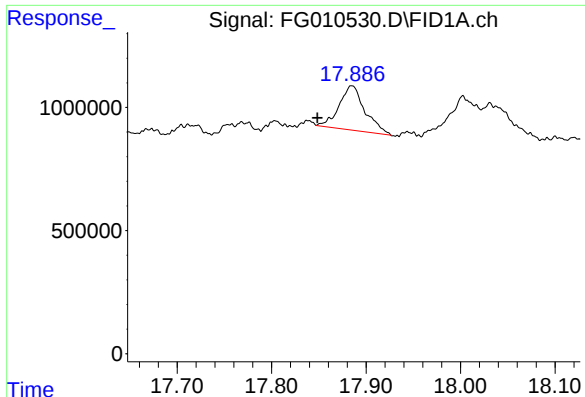
#11 N-HEXACOSANE

R.T.: 16.041 min
Delta R.T.: 0.031 min
Response: 2640228
Conc: 19.46 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.994 min
Delta R.T.: 0.033 min
Response: 5396294
Conc: 40.81 ug/ml m



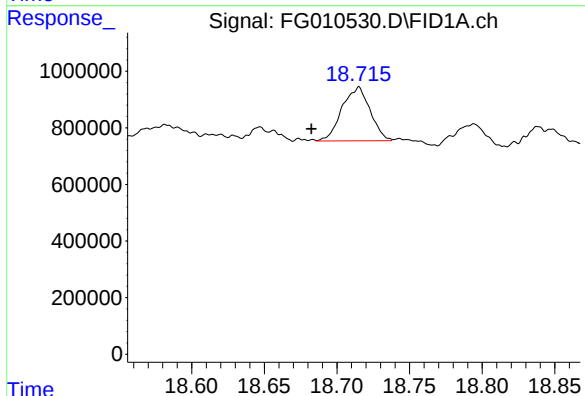
#13 N-TRIACONTANE

R.T.: 17.886 min
Delta R.T.: 0.037 min
Response: 3433718
Conc: 26.50 ug/ml

Instrument :
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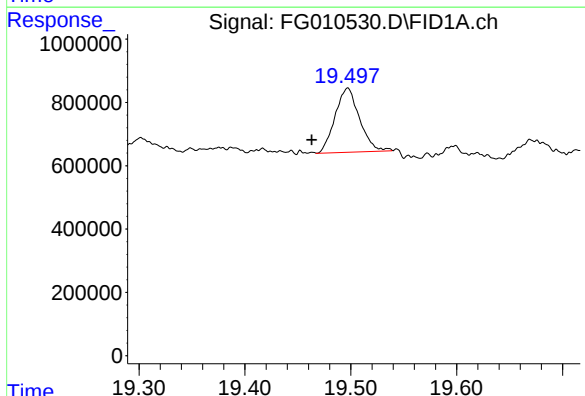
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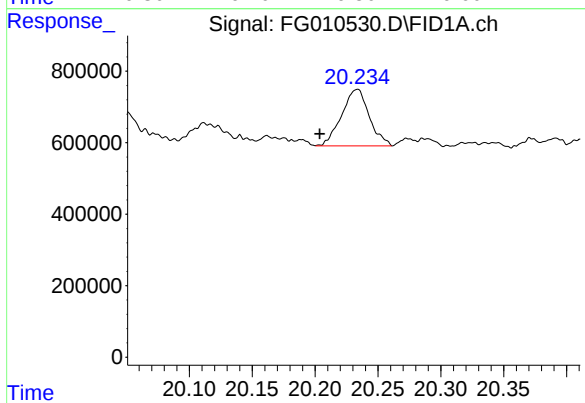
#14 N-DOTRIACONTANE

R.T.: 18.715 min
Delta R.T.: 0.033 min
Response: 2559404
Conc: 20.02 ug/ml m



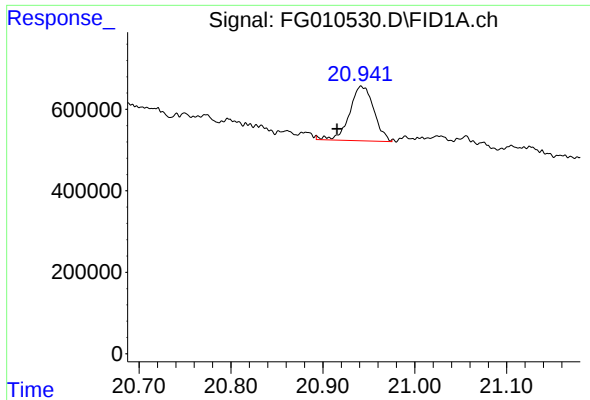
#15 N-TETRATRIACONTANE

R.T.: 19.497 min
Delta R.T.: 0.034 min
Response: 3248708
Conc: 26.26 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.234 min
Delta R.T.: 0.030 min
Response: 2417583
Conc: 20.83 ug/ml m



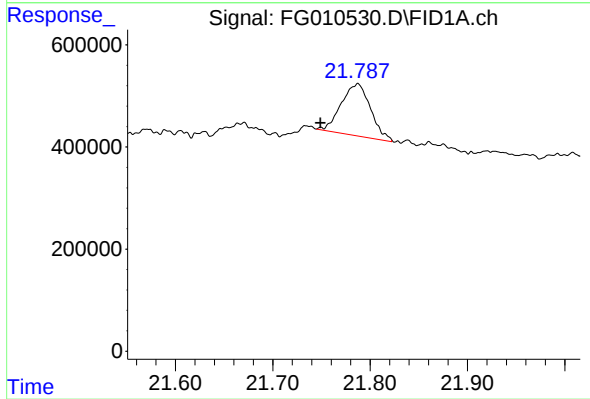
#17 N-OCTATRIACONTANE

R.T.: 20.941 min
Delta R.T.: 0.026 min
Response: 2450636
Conc: 21.34 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.787 min
Delta R.T.: 0.038 min
Response: 2130243
Conc: 18.07 ug/ml m