

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122121\
 Data File : FF009504.D
 Signal(s) : FID2B.ch
 Acq On : 21 Dec 2021 21:08
 Operator : AJ\MA
 Sample : M5182-07MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 HB-2-(20-25)-12-17-21MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/22/2021
 Supervised By :mohammad ahmed 12/22/2021

Integration File: autoint1.e
 Quant Time: Dec 22 00:22:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF121521.M
 Quant Title :
 QLast Update : Thu Dec 16 03:33:07 2021
 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...	14.476	1874516	16.182 ug/ml
Target Compounds			
1) N-OCTANE	2.192	2339205	16.888 ug/ml
2) N-DECANE	4.258	2939445	20.616 ug/ml
3) N-DODECANE	6.268	3036400	20.996 ug/ml
4) N-TETRADECANE	8.053	3121622	21.470 ug/mlm
5) N-HEXADECANE	9.647	2885444	20.091 ug/ml
6) N-OCTADECANE	11.083	3013495	20.879 ug/ml
7) N-EICOSANE	12.388	2871772	20.264 ug/ml
8) N-DOCOSANE	13.581	2695446	19.781 ug/ml
10) N-TETRACOSANE	14.680	2627095	19.952 ug/ml
11) N-HEXACOSANE	15.697	2439024	19.515 ug/ml
12) N-OCTACOSANE	16.643	2532358	21.266 ug/mlm
13) N-TRIACONTANE	17.528	2412706	21.063 ug/ml
14) N-DOTRIACONTANE	18.355	2526262	23.116 ug/ml
15) N-TETRATRIACONTANE	19.135	2032592	19.189 ug/mlm
16) N-HEXATRIACONTANE	19.875	1827440	18.245 ug/mlm
17) N-OCTATRIACONTANE	20.579	1818277	18.517 ug/mlm
18) N-TETRACONTANE	21.411	1724885	17.079 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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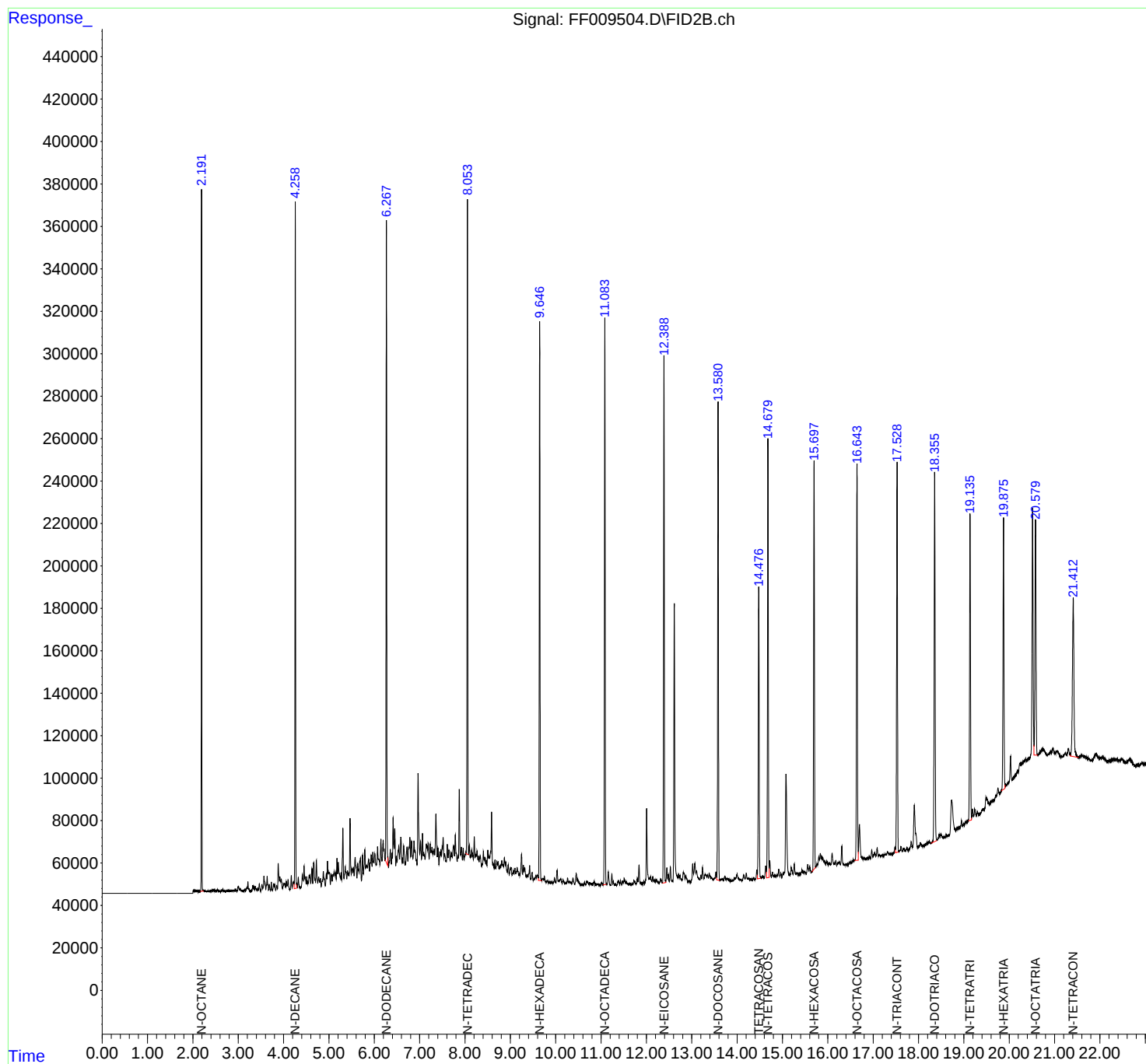
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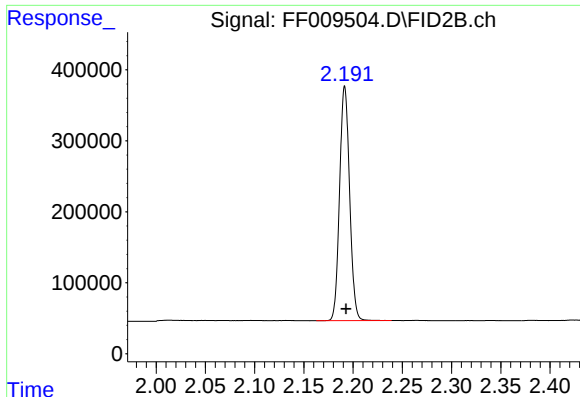
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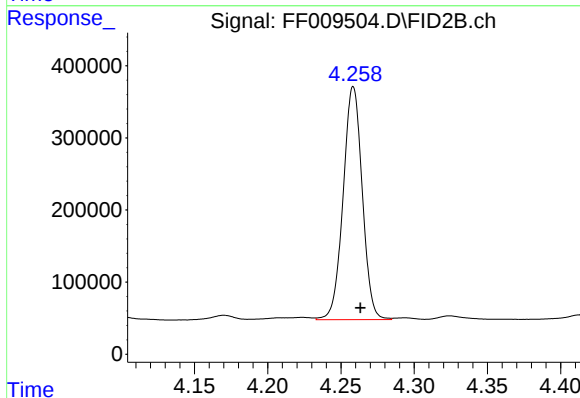
#1 N-OCTANE

R.T.: 2.192 min
Delta R.T.: -0.001 min
Response: 2339205
Conc: 16.89 ug/ml

Instrument :
FID_F
ClientSampleId :
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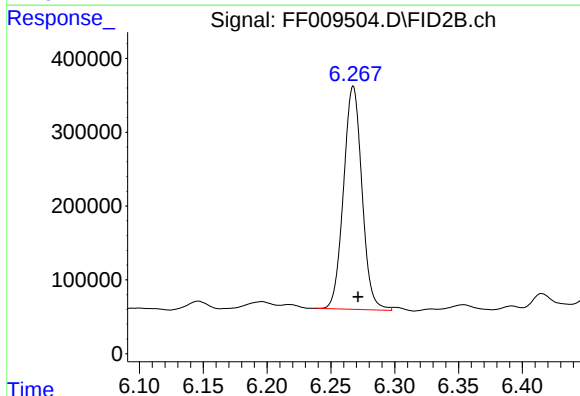
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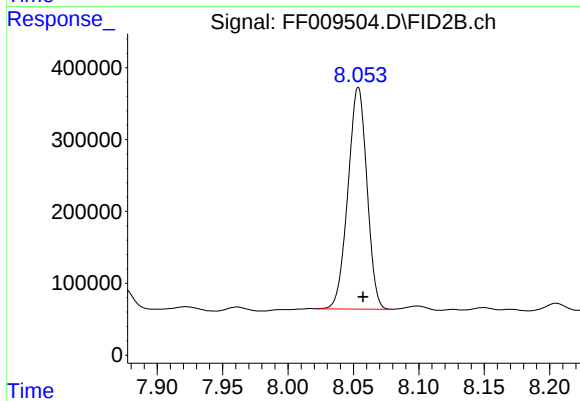
#2 N-DECANE

R.T.: 4.258 min
Delta R.T.: -0.005 min
Response: 2939445
Conc: 20.62 ug/ml



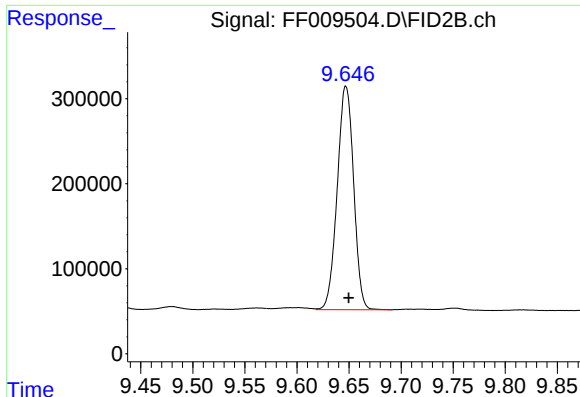
#3 N-DODECANE

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 3036400
Conc: 21.00 ug/ml



#4 N-TETRADECANE

R.T.: 8.053 min
Delta R.T.: -0.004 min
Response: 3121622
Conc: 21.47 ug/ml m



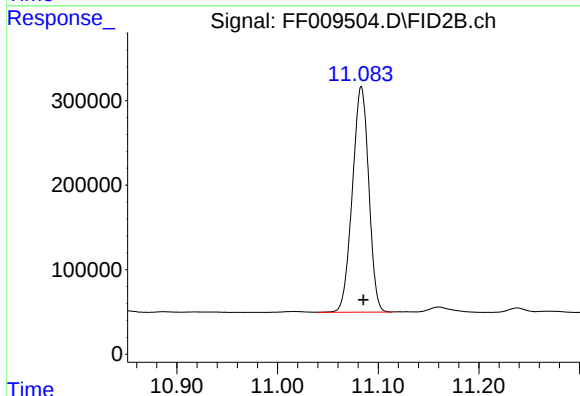
#5 N-HEXADECANE

R.T.: 9.647 min
Delta R.T.: -0.003 min
Response: 2885444
Conc: 20.09 ug/ml

Instrument : FID_F
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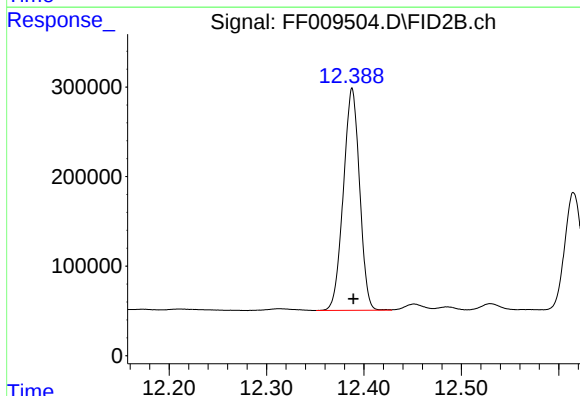
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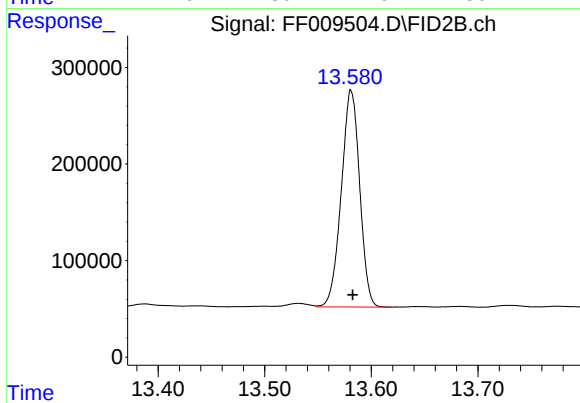
#6 N-OCTADECANE

R.T.: 11.083 min
Delta R.T.: -0.002 min
Response: 3013495
Conc: 20.88 ug/ml



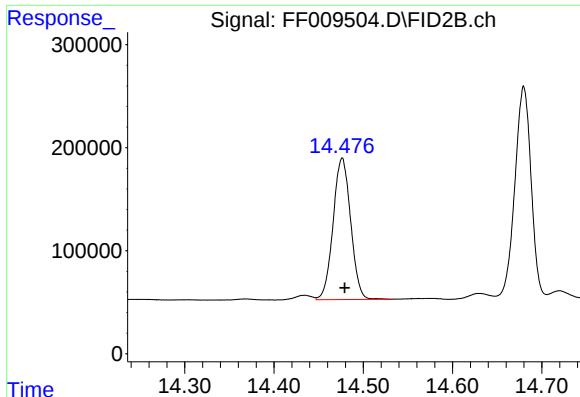
#7 N-EICOSANE

R.T.: 12.388 min
Delta R.T.: -0.001 min
Response: 2871772
Conc: 20.26 ug/ml



#8 N-DOCOSANE

R.T.: 13.581 min
Delta R.T.: -0.002 min
Response: 2695446
Conc: 19.78 ug/ml



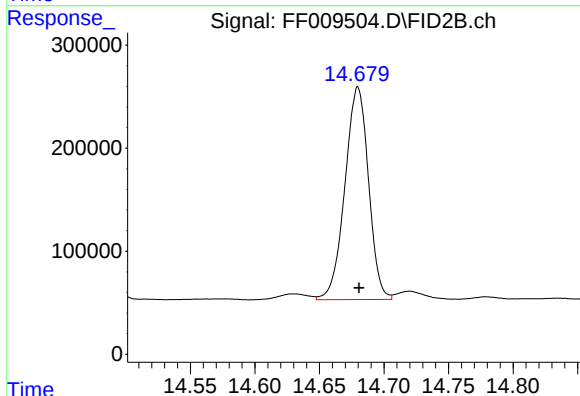
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.476 min
Delta R.T.: -0.003 min
Response: 1874516
Conc: 16.18 ug/ml

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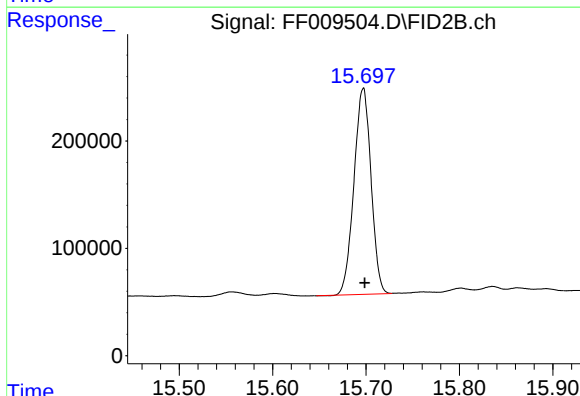
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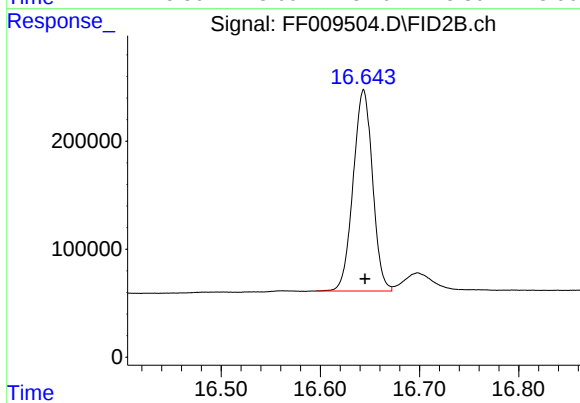
#10 N-TETRACOSANE

R.T.: 14.680 min
Delta R.T.: 0.000 min
Response: 2627095
Conc: 19.95 ug/ml



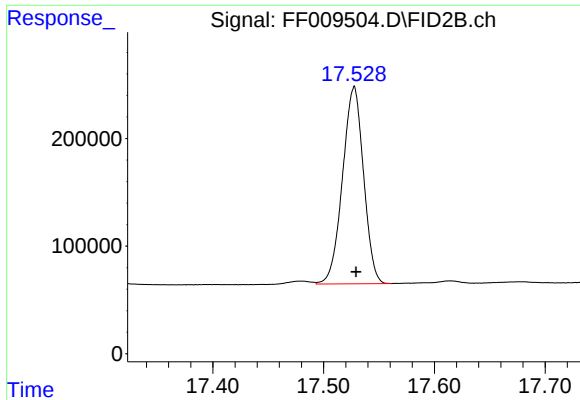
#11 N-HEXACOSANE

R.T.: 15.697 min
Delta R.T.: -0.002 min
Response: 2439024
Conc: 19.52 ug/ml



#12 N-OCTACOSANE

R.T.: 16.643 min
Delta R.T.: -0.002 min
Response: 2532358
Conc: 21.27 ug/ml m



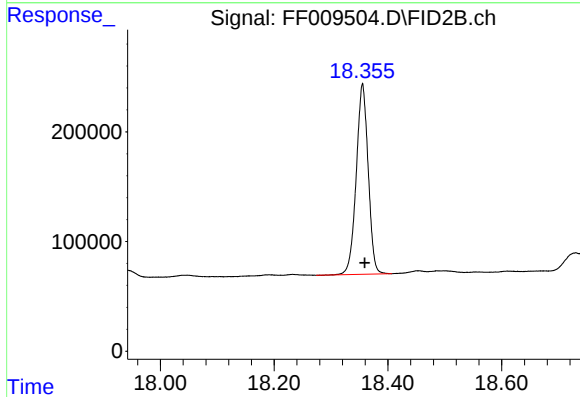
#13 N-TRIACONTANE

R.T.: 17.528 min
Delta R.T.: -0.002 min
Response: 2412706
Conc: 21.06 ug/ml

Instrument :
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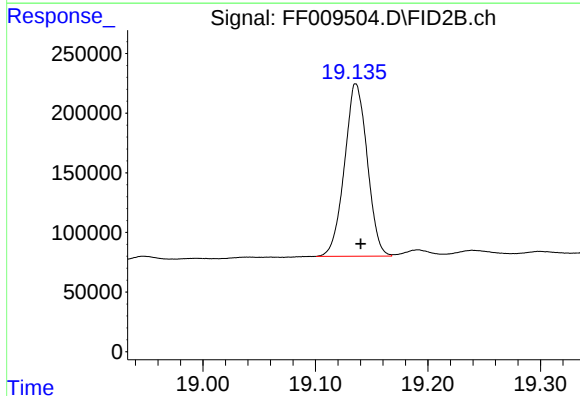
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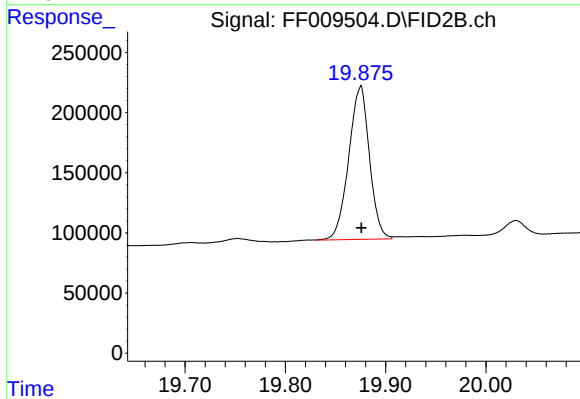
#14 N-DOTRIACONTANE

R.T.: 18.355 min
Delta R.T.: -0.004 min
Response: 2526262
Conc: 23.12 ug/ml



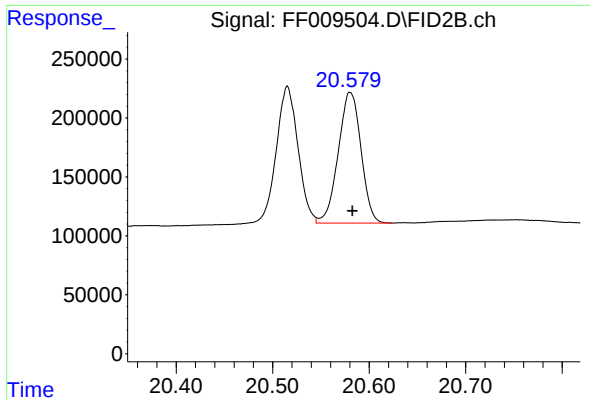
#15 N-TETRATRIACONTANE

R.T.: 19.135 min
Delta R.T.: -0.005 min
Response: 2032592
Conc: 19.19 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.875 min
Delta R.T.: 0.000 min
Response: 1827440
Conc: 18.24 ug/ml m



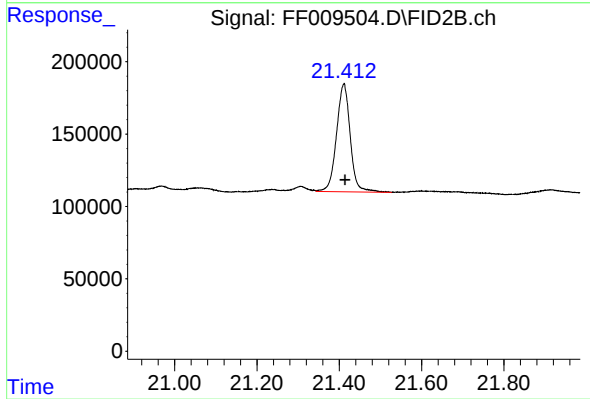
#17 N-OCTATRIACONTANE

R.T.: 20.579 min
Delta R.T.: -0.004 min
Response: 1818277
Conc: 18.52 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.411 min
Delta R.T.: -0.002 min
Response: 1724885
Conc: 17.08 ug/ml