

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122121\
 Data File : FF009499.D
 Signal(s) : FID2B.ch
 Acq On : 21 Dec 2021 18:35
 Operator : AJ\MA
 Sample : M5181-03MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MSD

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 00:20:23 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...	14.499	2389910	20.631 ug/mlm
Target Compounds			
1) N-OCTANE	2.188	2422263	17.488 ug/ml
2) N-DECANE	4.265	5731494	40.199 ug/mlm
3) N-DODECANE	6.251	9252196	63.978 ug/mlm
4) N-TETRADECANE	8.074	2718991	18.701 ug/mlm
5) N-HEXADECANE	9.677	5124334	35.680 ug/mlm
6) N-OCTADECANE	11.120	2713383	18.800 ug/mlm
7) N-EICOSANE	12.427	3824725	26.988 ug/mlm
8) N-DOCOSANE	13.610	3199383	23.479 ug/mlm
10) N-TETRACOSANE	14.703	3260588	24.764 ug/mlm
11) N-HEXACOSANE	15.720	2725469	21.807 ug/mlm
12) N-OCTACOSANE	16.668	4257682	35.755 ug/mlm
13) N-TRIACONTANE	17.549	3045960	26.592 ug/mlm
14) N-DOTRIACONTANE	18.376	2672678	24.456 ug/mlm
15) N-TETRATRIACONTANE	19.155	3917944	36.987 ug/mlm
16) N-HEXATRIACONTANE	19.893	1735784	17.330 ug/ml
17) N-OCTATRIACONTANE	20.599	1757887	17.902 ug/ml
18) N-TETRACONTANE	21.432	2289759	22.672 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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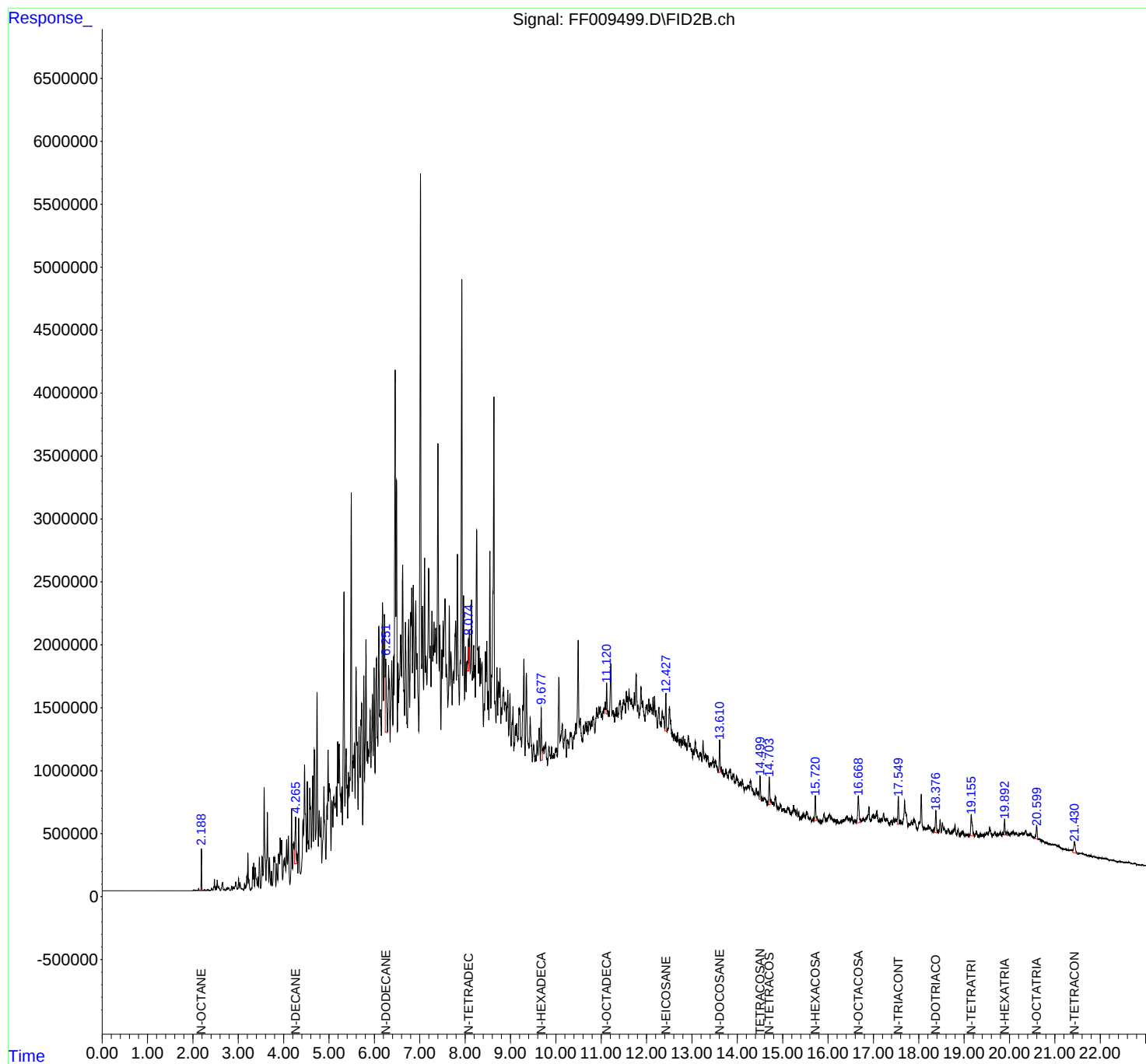
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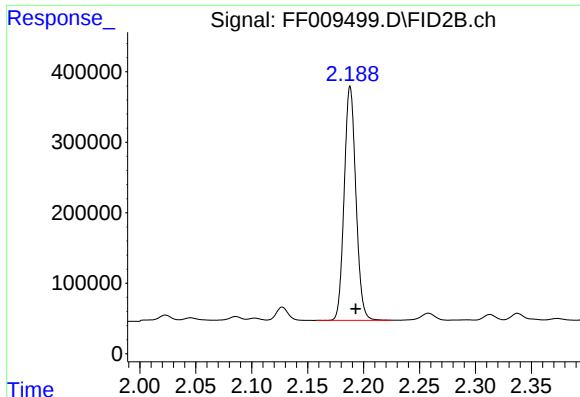
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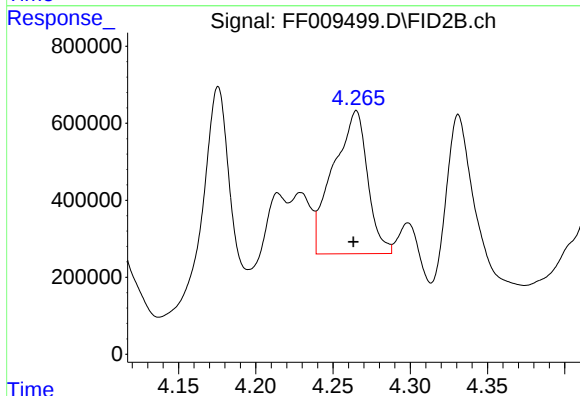
#1 N-OCTANE

R.T.: 2.188 min
Delta R.T.: -0.005 min
Response: 2422263
Conc: 17.49 ug/ml

Instrument :
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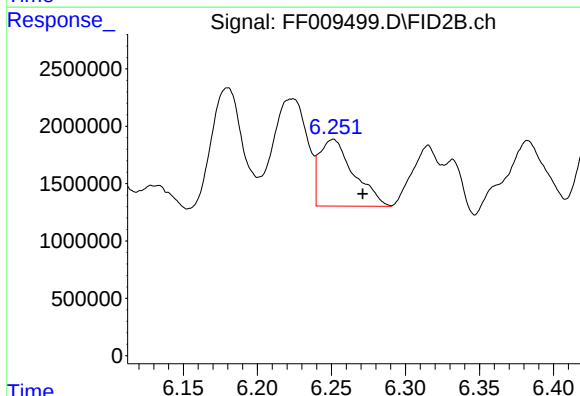
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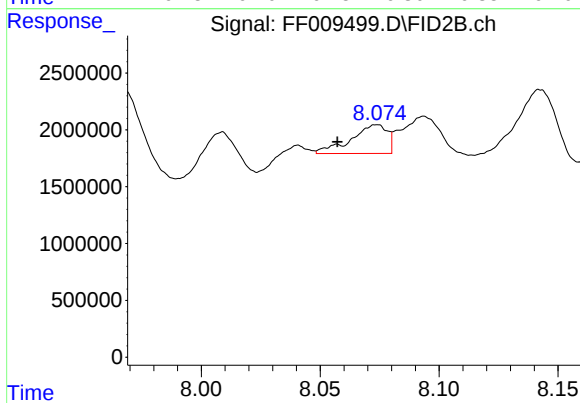
#2 N-DECANE

R.T.: 4.265 min
Delta R.T.: 0.002 min
Response: 5731494
Conc: 40.20 ug/ml m



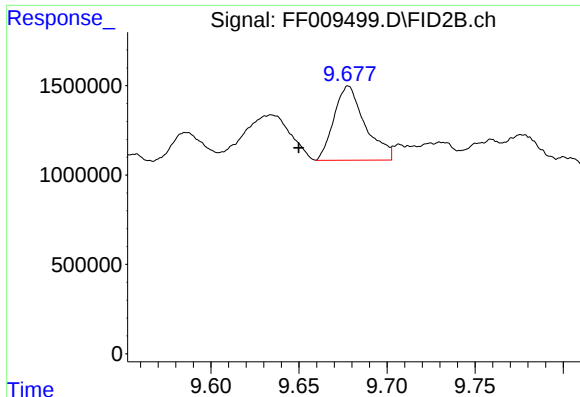
#3 N-DODECANE

R.T.: 6.251 min
Delta R.T.: -0.020 min
Response: 9252196
Conc: 63.98 ug/ml m



#4 N-TETRADECANE

R.T.: 8.074 min
Delta R.T.: 0.017 min
Response: 2718991
Conc: 18.70 ug/ml m



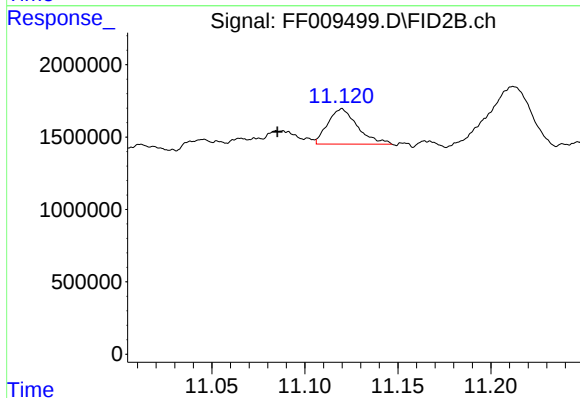
#5 N-HEXADECANE

R.T.: 9.677 min
Delta R.T.: 0.027 min
Response: 5124334
Conc: 35.68 ug/ml

Instrument :
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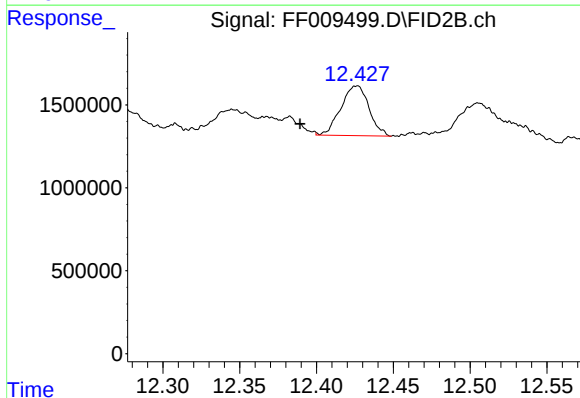
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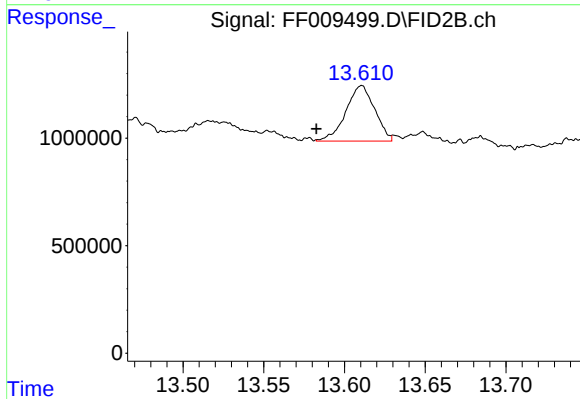
#6 N-OCTADECANE

R.T.: 11.120 min
Delta R.T.: 0.035 min
Response: 2713383
Conc: 18.80 ug/ml m



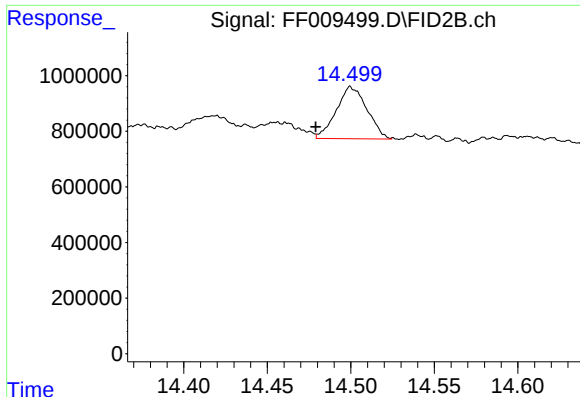
#7 N-EICOSANE

R.T.: 12.427 min
Delta R.T.: 0.037 min
Response: 3824725
Conc: 26.99 ug/ml m



#8 N-DOCOSANE

R.T.: 13.610 min
Delta R.T.: 0.028 min
Response: 3199383
Conc: 23.48 ug/ml m



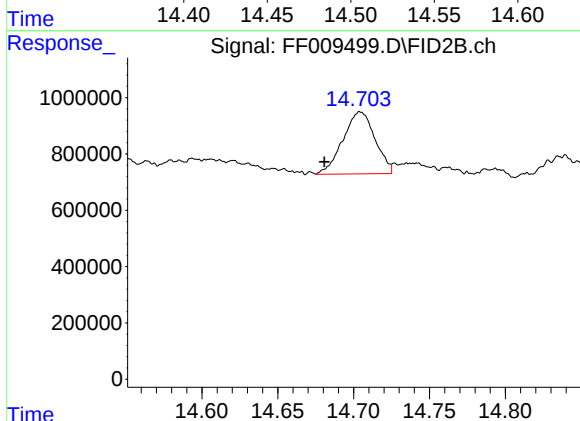
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.499 min
Delta R.T.: 0.020 min
Response: 2389910
Conc: 20.63 ug/ml

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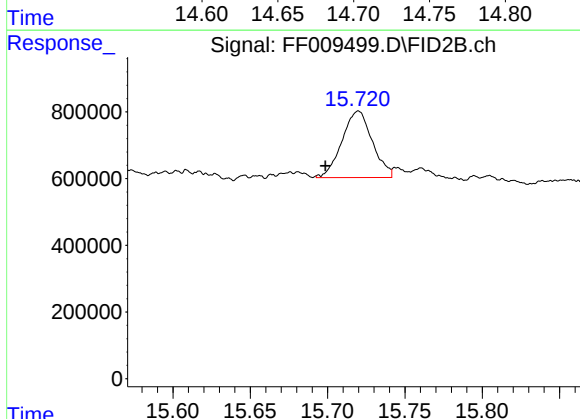
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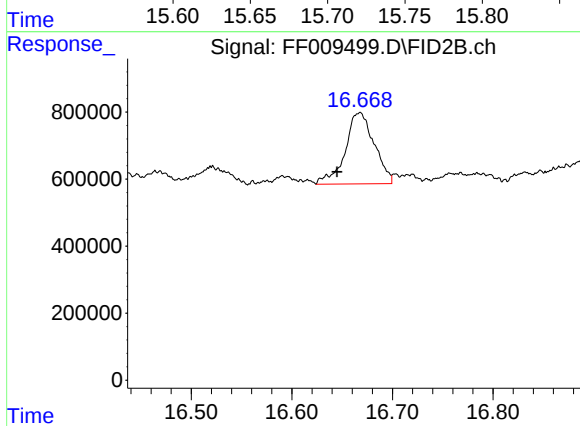
#10 N-TETRACOSANE

R.T.: 14.703 min
Delta R.T.: 0.023 min
Response: 3260588
Conc: 24.76 ug/ml m



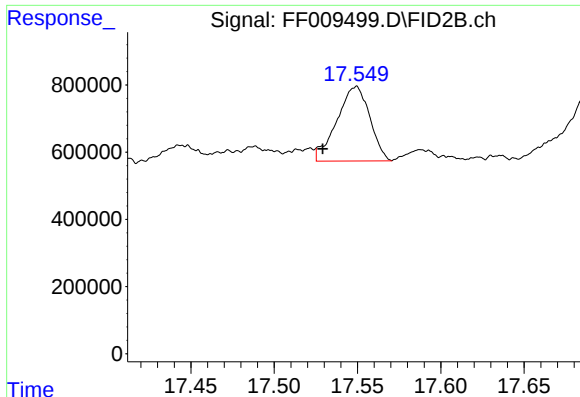
#11 N-HEXACOSANE

R.T.: 15.720 min
Delta R.T.: 0.021 min
Response: 2725469
Conc: 21.81 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.668 min
Delta R.T.: 0.023 min
Response: 4257682
Conc: 35.76 ug/ml m



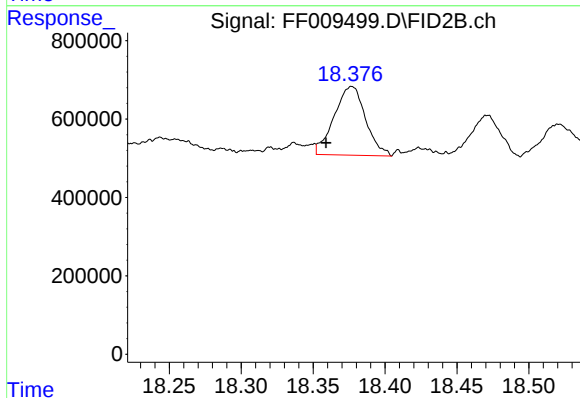
#13 N-TRIACONTANE

R.T.: 17.549 min
Delta R.T.: 0.020 min
Response: 3045960
Conc: 26.59 ug/ml

Instrument :
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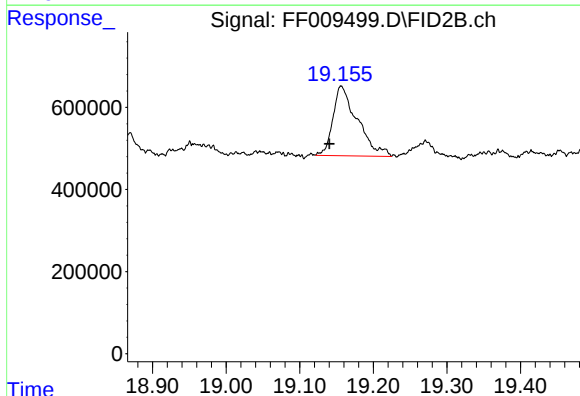
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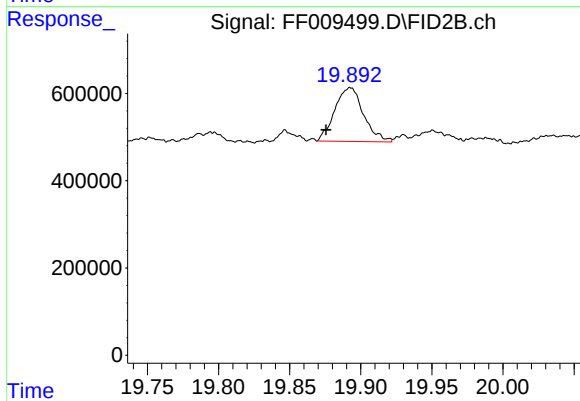
#14 N-DOTRIACONTANE

R.T.: 18.376 min
Delta R.T.: 0.017 min
Response: 2672678
Conc: 24.46 ug/ml m



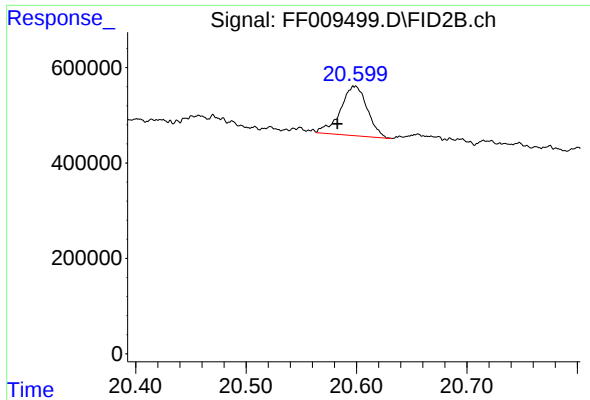
#15 N-TETRATRIACONTANE

R.T.: 19.155 min
Delta R.T.: 0.015 min
Response: 3917944
Conc: 36.99 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.893 min
Delta R.T.: 0.017 min
Response: 1735784
Conc: 17.33 ug/ml



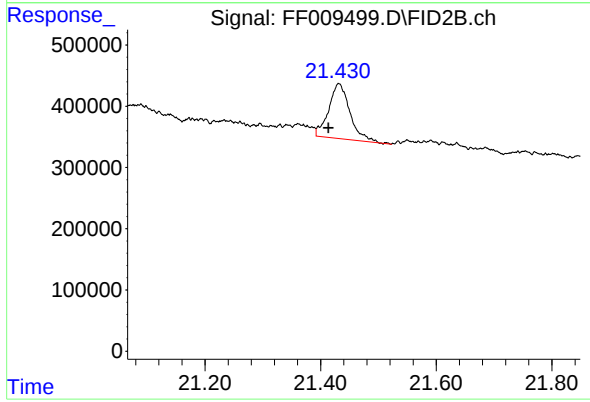
#17 N-OCTATRIACONTANE

R.T.: 20.599 min
Delta R.T.: 0.016 min
Response: 1757887
Conc: 17.90 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.432 min
Delta R.T.: 0.018 min
Response: 2289759
Conc: 22.67 ug/ml