

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012122\
 Data File : FF009751.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jan 2022 17:37
 Operator : AJ\MA
 Sample : N1208-01MSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SP25-07-20220119-6.5-7.0MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/25/2022
 Supervised By :Ankita Jodhani 01/25/2022

Integration File: Sample.e
 Quant Time: Jan 21 22:59:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011722.M
 Quant Title :
 QLast Update : Tue Jan 18 02:53:40 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...	14.470	4722719	36.140 ug/mlm
Target Compounds			
1) N-OCTANE	2.171	1329468	9.617 ug/mlm
2) N-DECANE	4.236	2562258	18.117 ug/ml
3) N-DODECANE	6.244	3398649	23.750 ug/ml
4) N-TETRADECANE	8.030	3588376	24.419 ug/mlm
5) N-HEXADECANE	9.626	11869783	79.347 ug/mlm
6) N-OCTADECANE	11.070	59767372	387.679 ug/mlm
7) N-EICOSANE	12.395	7135292	47.203 ug/mlm
8) N-DOCOSANE	13.548	5626852	37.836 ug/mlm
10) N-TETRACOSANE	14.699	6049708	40.794 ug/mlm
11) N-HEXACOSANE	15.702	7029543	48.079 ug/mlm
12) N-OCTACOSANE	16.638	3144692	21.663 ug/mlm
13) N-TRIACONTANE	17.517	2756749	19.267 ug/mlm
14) N-DOTRIACONTANE	18.344	2869618	21.088 ug/mlm
15) N-TETRATRIACONTANE	19.121	3200414	26.945 ug/mlm
16) N-HEXATRIACONTANE	19.858	2749030	26.663 ug/mlm
17) N-OCTATRIACONTANE	20.564	1520373	17.050 ug/mlm
18) N-TETRACONTANE	21.384	3447930	37.957 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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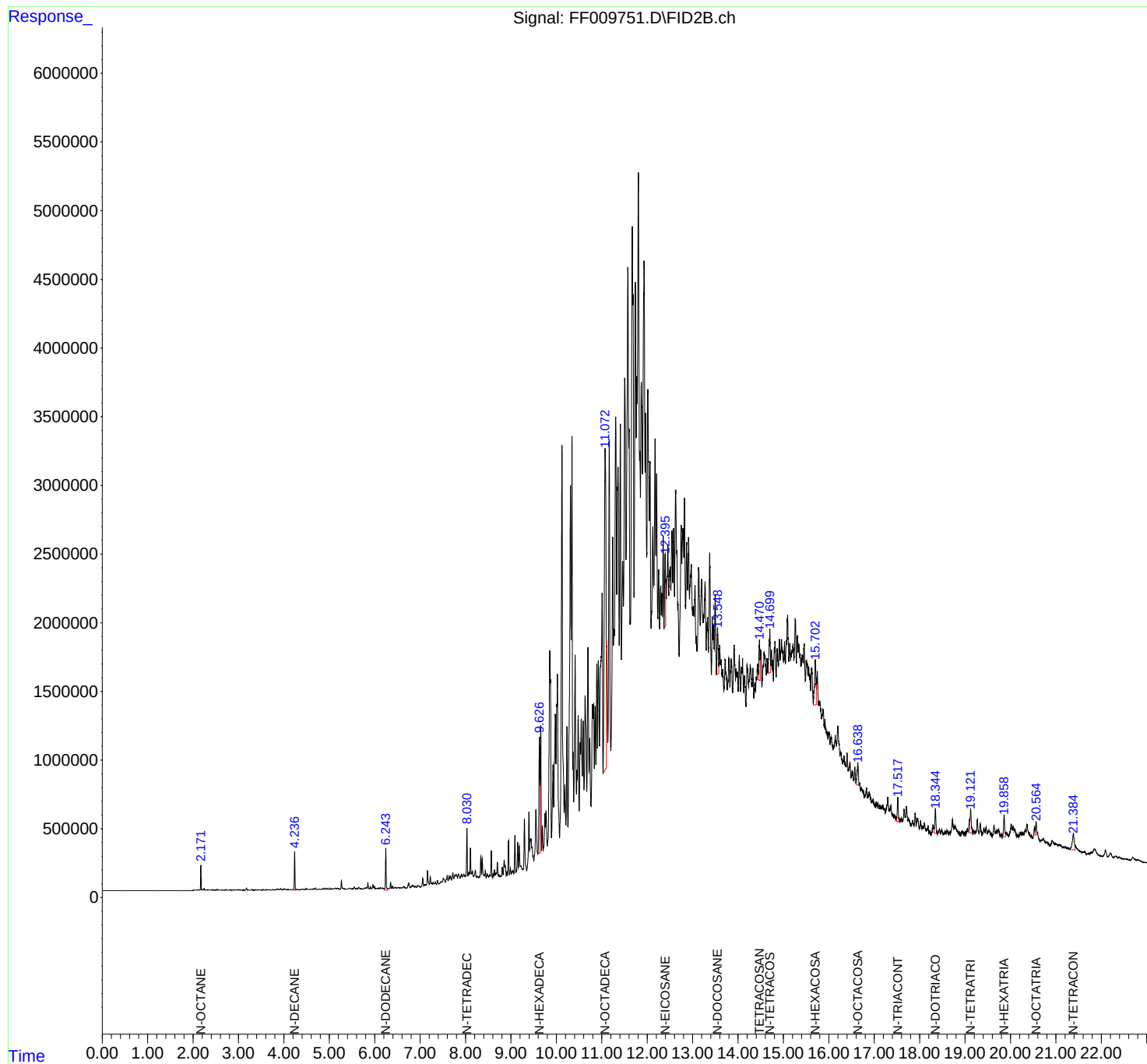
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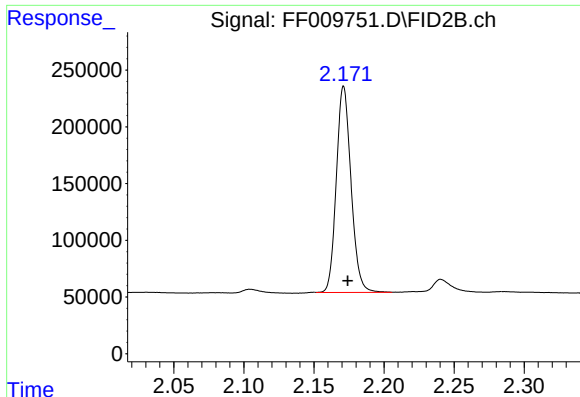
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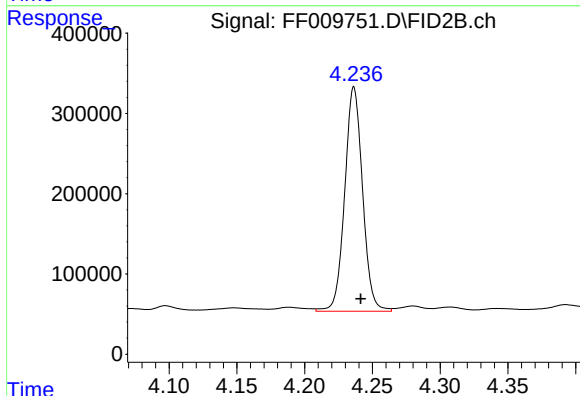
#1 N-OCTANE

R.T.: 2.171 min
Delta R.T.: -0.003 min
Response: 1329468
Conc: 9.62 ug/ml

Instrument : FID_F
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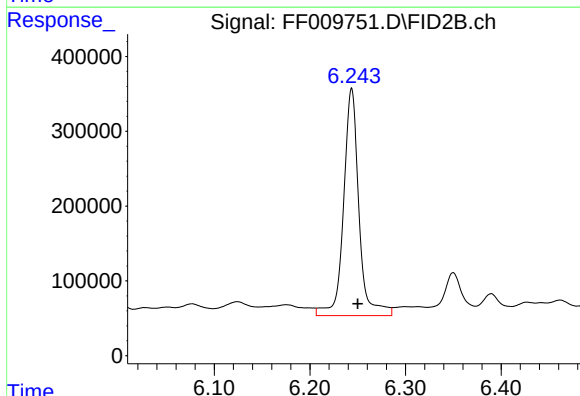
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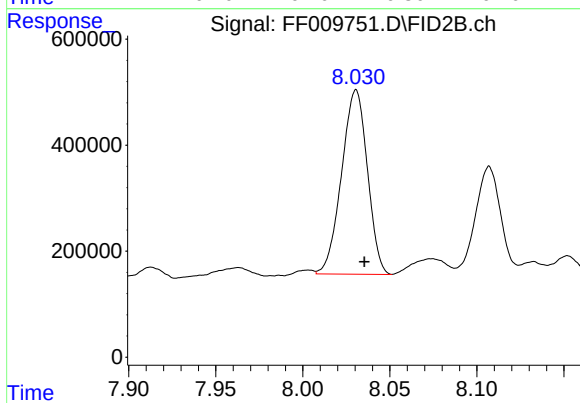
#2 N-DECANE

R.T.: 4.236 min
Delta R.T.: -0.005 min
Response: 2562258
Conc: 18.12 ug/ml



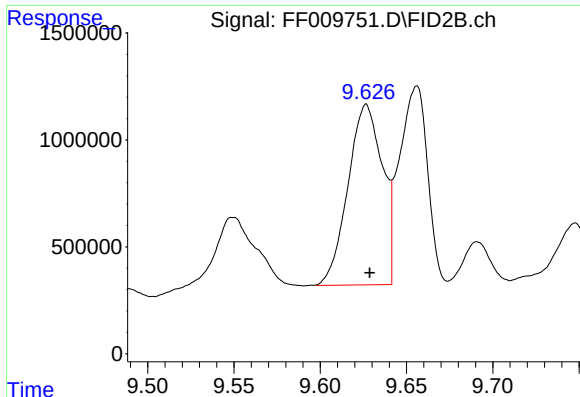
#3 N-DODECANE

R.T.: 6.244 min
Delta R.T.: -0.006 min
Response: 3398649
Conc: 23.75 ug/ml



#4 N-TETRADECANE

R.T.: 8.030 min
Delta R.T.: -0.005 min
Response: 3588376
Conc: 24.42 ug/ml m



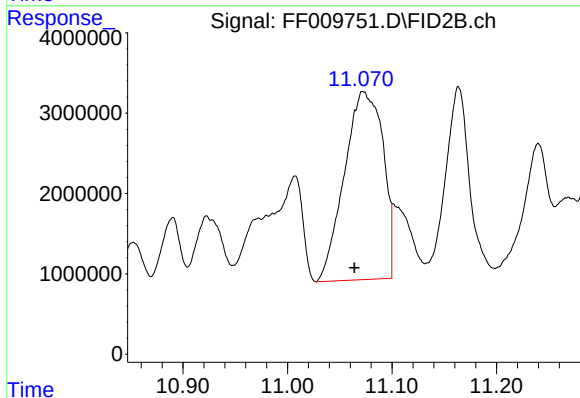
#5 N-HEXADECANE

R.T.: 9.626 min
Delta R.T.: -0.002 min
Response: 11869783
Conc: 79.35 ug/ml

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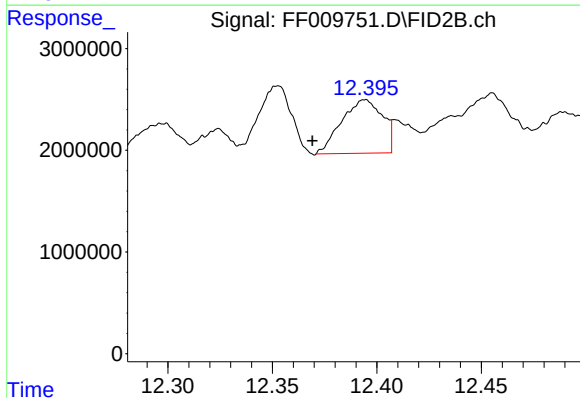
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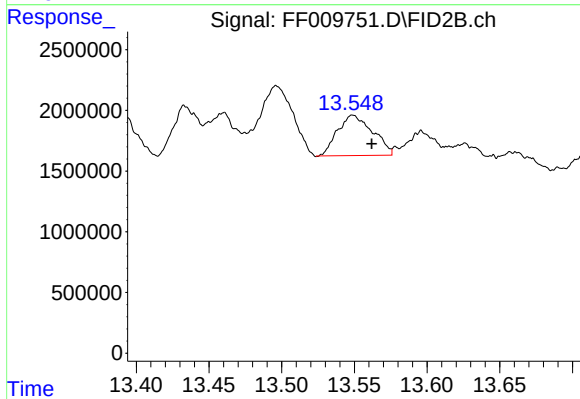
#6 N-OCTADECANE

R.T.: 11.070 min
Delta R.T.: 0.006 min
Response: 59767372
Conc: 387.68 ug/ml m



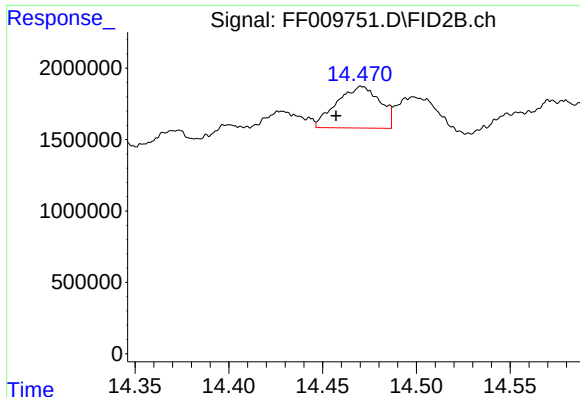
#7 N-EICOSANE

R.T.: 12.395 min
Delta R.T.: 0.026 min
Response: 7135292
Conc: 47.20 ug/ml m



#8 N-DOCOSANE

R.T.: 13.548 min
Delta R.T.: -0.014 min
Response: 5626852
Conc: 37.84 ug/ml m



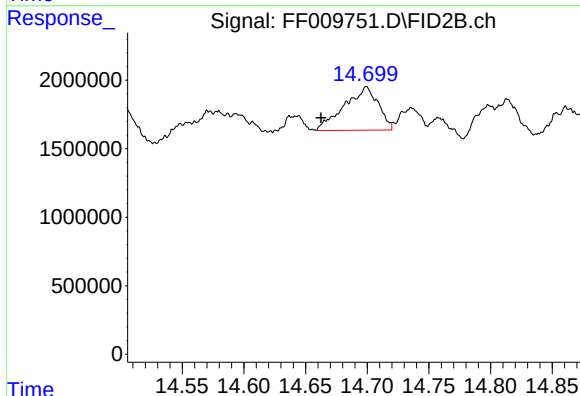
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.470 min
Delta R.T.: 0.013 min
Response: 4722719
Conc: 36.14 ug/ml

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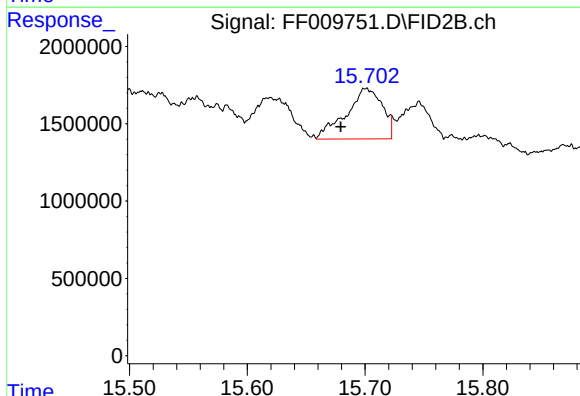
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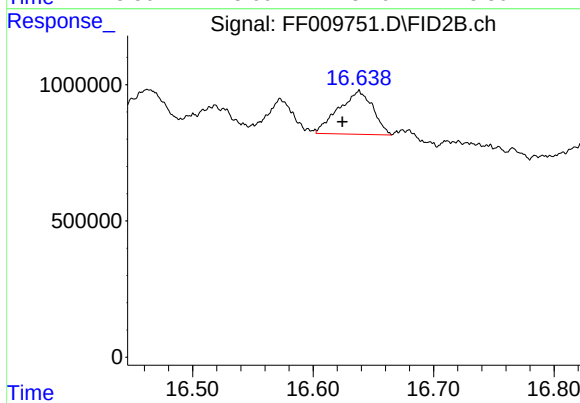
#10 N-TETRACOSANE

R.T.: 14.699 min
Delta R.T.: 0.036 min
Response: 6049708
Conc: 40.79 ug/ml m



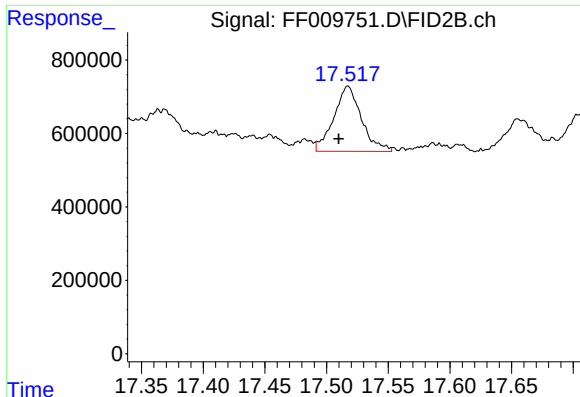
#11 N-HEXACOSANE

R.T.: 15.702 min
Delta R.T.: 0.022 min
Response: 7029543
Conc: 48.08 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.638 min
Delta R.T.: 0.014 min
Response: 3144692
Conc: 21.66 ug/ml m



#13 N-TRIACONTANE

R.T.: 17.517 min
Delta R.T.: 0.007 min
Response: 2756749
Conc: 19.27 ug/ml

Instrument :

FID_F

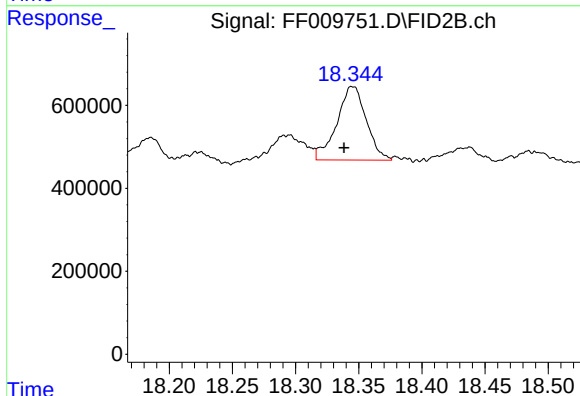
ClientSampleId :

SP25-07-20220119-6.5-7.0MSD

Manual Integrations

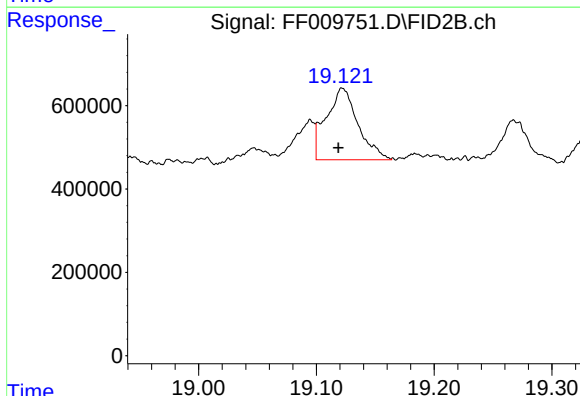
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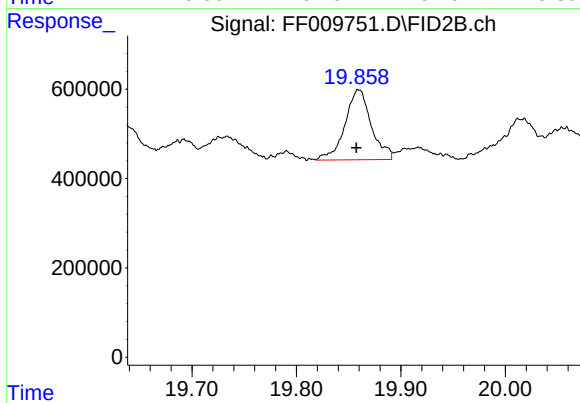
#14 N-DOTRIACONTANE

R.T.: 18.344 min
Delta R.T.: 0.005 min
Response: 2869618
Conc: 21.09 ug/ml m



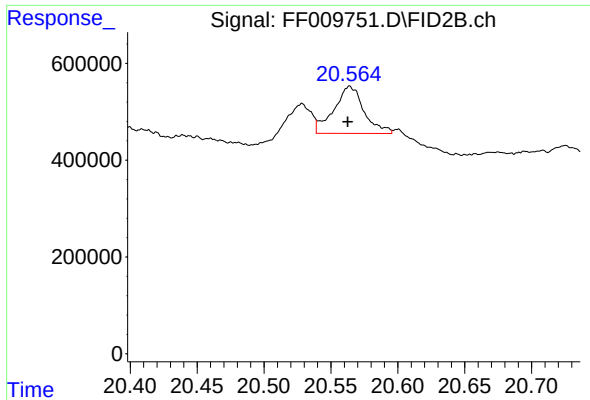
#15 N-TETRATRIACONTANE

R.T.: 19.121 min
Delta R.T.: 0.002 min
Response: 3200414
Conc: 26.95 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.858 min
Delta R.T.: 0.000 min
Response: 2749030
Conc: 26.66 ug/ml m



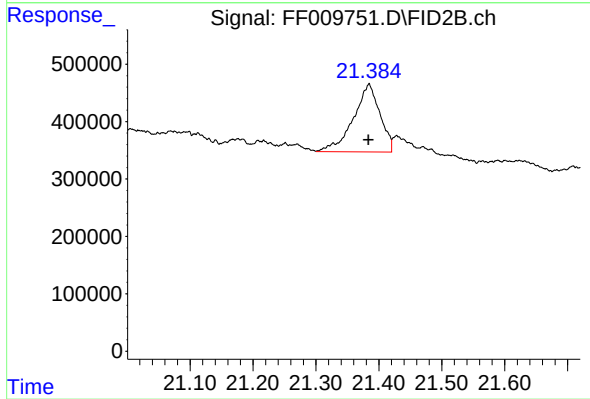
#17 N-OCTATRIACONTANE

R.T.: 20.564 min
Delta R.T.: 0.001 min
Response: 1520373
Conc: 17.05 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.384 min
Delta R.T.: 0.001 min
Response: 3447930
Conc: 37.96 ug/ml m