

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102921\
 Data File : FF009221.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2021 17:37
 Operator : AJ\MA
 Sample : M4407-01MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 FDR-BH-1-20211028-5.5-6MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/01/2021
 Supervised By :mohammad ahmed 11/04/2021

Integration File: autoint1.e
 Quant Time: Oct 29 23:02:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100721.M
 Quant Title :
 QLast Update : Fri Oct 08 02:25:33 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...	14.712	1737274	15.843 ug/ml
Target Compounds			
1) N-OCTANE	2.365	2091698	16.731 ug/ml
2) N-DECANE	4.465	2631447	20.762 ug/ml
3) N-DODECANE	6.482	2660730	20.944 ug/ml
4) N-TETRADECANE	8.274	2525134	20.139 ug/ml
5) N-HEXADECANE	9.872	2584502	20.357 ug/ml
6) N-OCTADECANE	11.312	2608511	20.235 ug/ml
7) N-EICOSANE	12.618	2752477	21.381 ug/ml
8) N-DOCOSANE	13.815	2505844	19.821 ug/ml
10) N-TETRACOSANE	14.916	2635319	21.052 ug/ml
11) N-HEXACOSANE	15.935	2285946	18.883 ug/mlm
12) N-OCTACOSANE	16.882	2211375	18.890 ug/ml
13) N-TRIACONTANE	17.769	2332239	20.672 ug/ml
14) N-DOTRIACONTANE	18.599	2216272	20.987 ug/mlm
15) N-TETRATRIACONTANE	19.379	2197218	22.483 ug/ml
16) N-HEXATRIACONTANE	20.118	2290680	25.765 ug/mlm
17) N-OCTATRIACONTANE	20.856	2302359	28.201 ug/mlm
18) N-TETRACONTANE	21.775	2443528	30.077 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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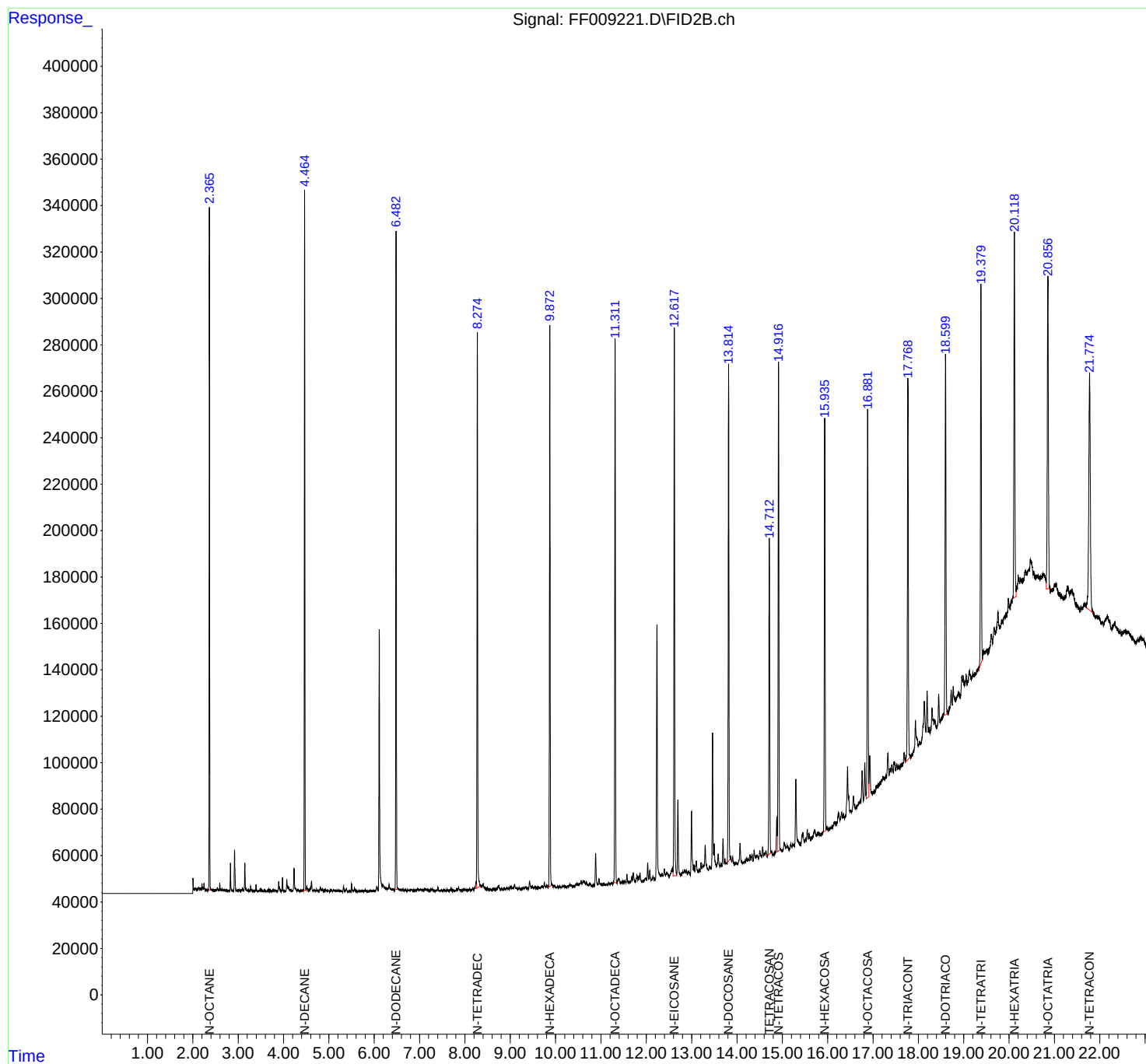
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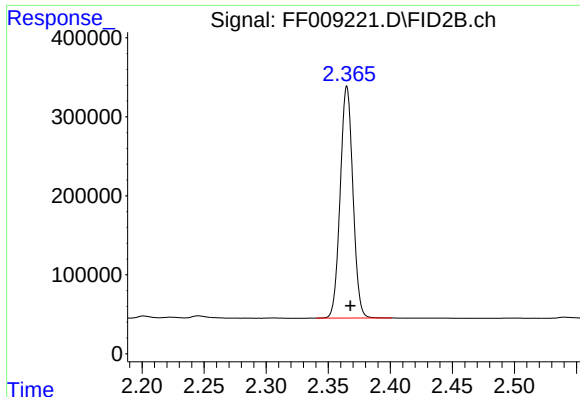
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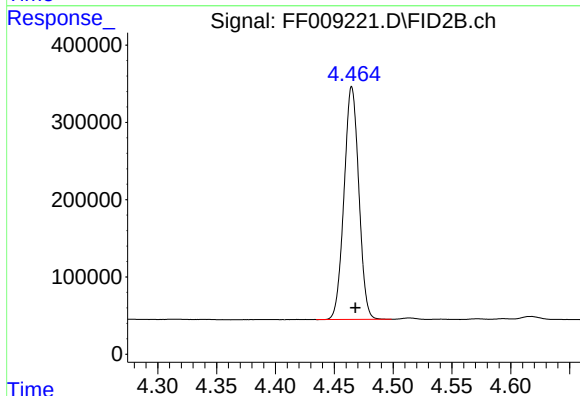
#1 N-OCTANE

R.T.: 2.365 min
Delta R.T.: -0.003 min
Response: 2091698
Conc: 16.73 ug/ml

Instrument : FID_F
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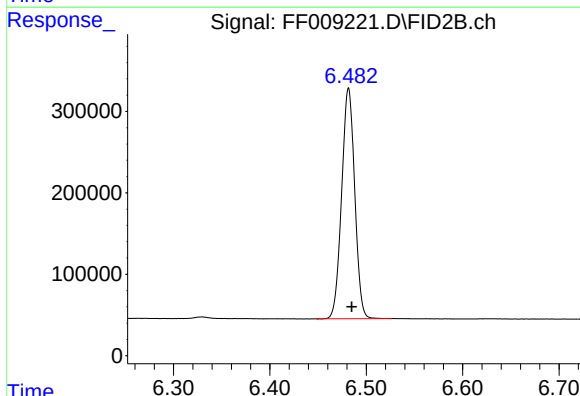
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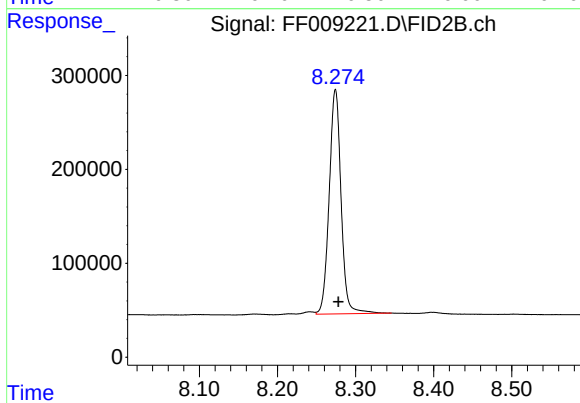
#2 N-DECANE

R.T.: 4.465 min
Delta R.T.: -0.003 min
Response: 2631447
Conc: 20.76 ug/ml



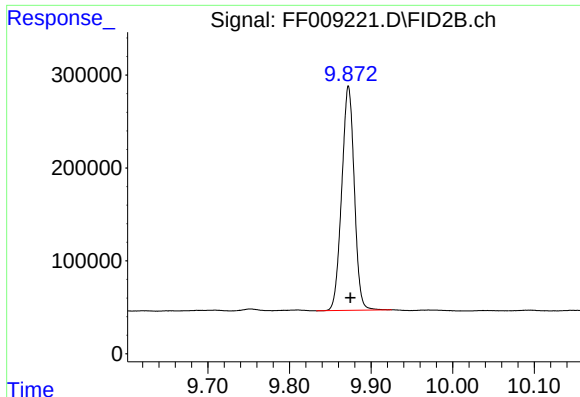
#3 N-DODECANE

R.T.: 6.482 min
Delta R.T.: -0.003 min
Response: 2660730
Conc: 20.94 ug/ml



#4 N-TETRADECANE

R.T.: 8.274 min
Delta R.T.: -0.004 min
Response: 2525134
Conc: 20.14 ug/ml



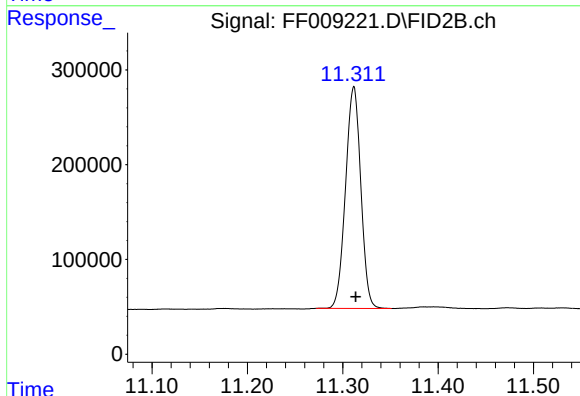
#5 N-HEXADECANE

R.T.: 9.872 min
Delta R.T.: -0.003 min
Response: 2584502
Conc: 20.36 ug/ml

Instrument : FID_F
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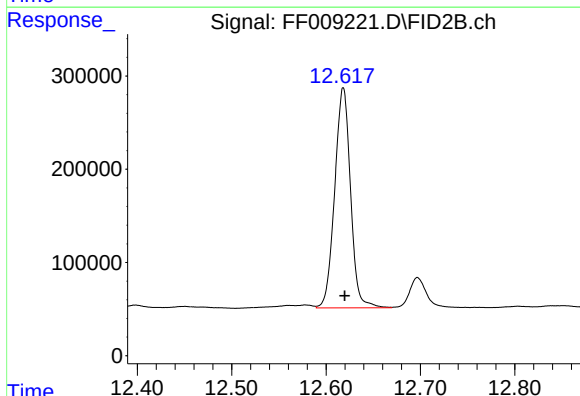
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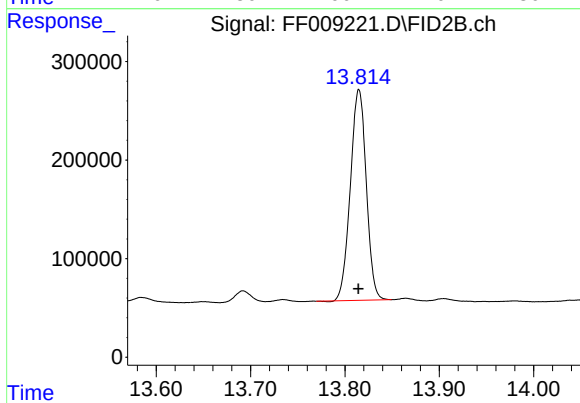
#6 N-OCTADECANE

R.T.: 11.312 min
Delta R.T.: -0.002 min
Response: 2608511
Conc: 20.23 ug/ml



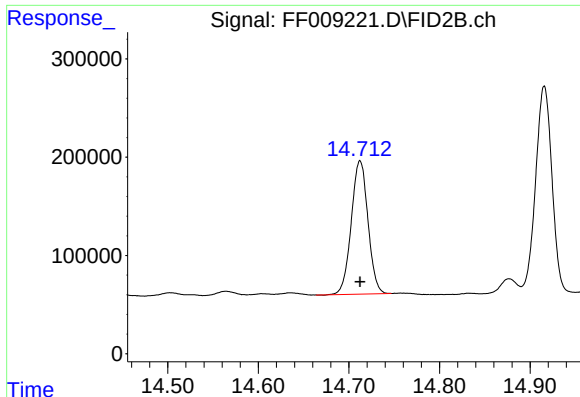
#7 N-EICOSANE

R.T.: 12.618 min
Delta R.T.: -0.001 min
Response: 2752477
Conc: 21.38 ug/ml



#8 N-DOCOSANE

R.T.: 13.815 min
Delta R.T.: 0.000 min
Response: 2505844
Conc: 19.82 ug/ml



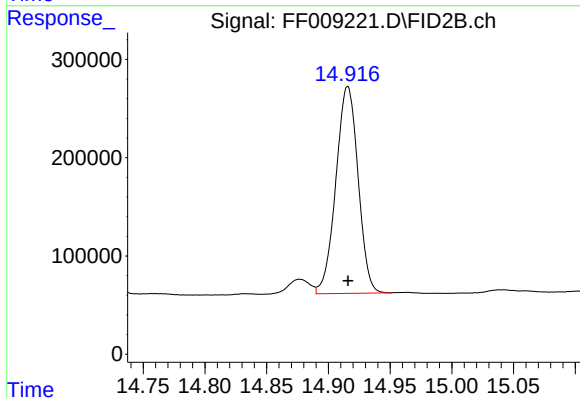
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.712 min
Delta R.T.: 0.000 min
Response: 1737274
Conc: 15.84 ug/ml

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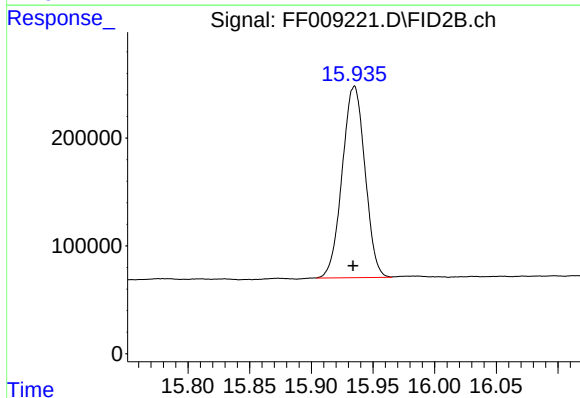
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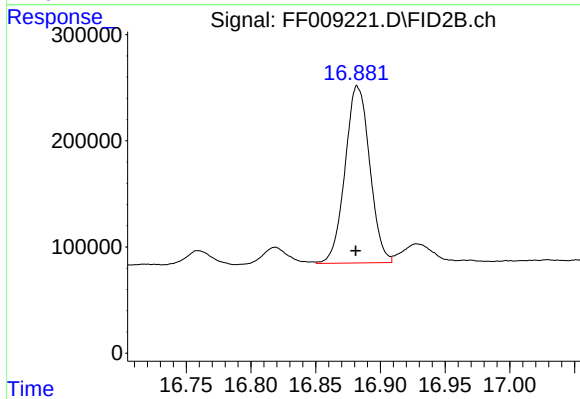
#10 N-TETRACOSANE

R.T.: 14.916 min
Delta R.T.: 0.000 min
Response: 2635319
Conc: 21.05 ug/ml



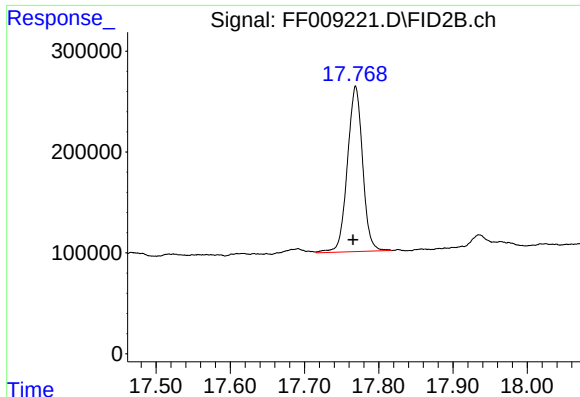
#11 N-HEXACOSANE

R.T.: 15.935 min
Delta R.T.: 0.000 min
Response: 2285946
Conc: 18.88 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.882 min
Delta R.T.: 0.001 min
Response: 2211375
Conc: 18.89 ug/ml



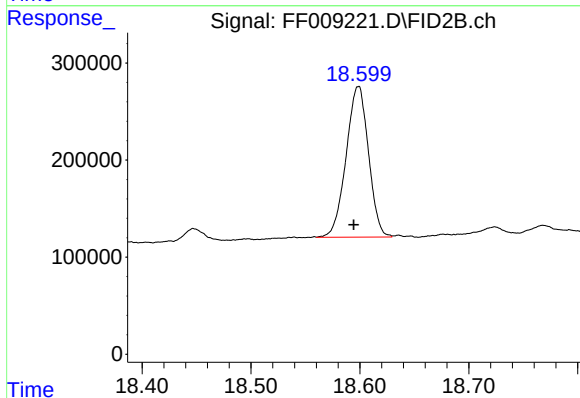
#13 N-TRIACONTANE

R.T.: 17.769 min
Delta R.T.: 0.003 min
Response: 2332239
Conc: 20.67 ug/ml

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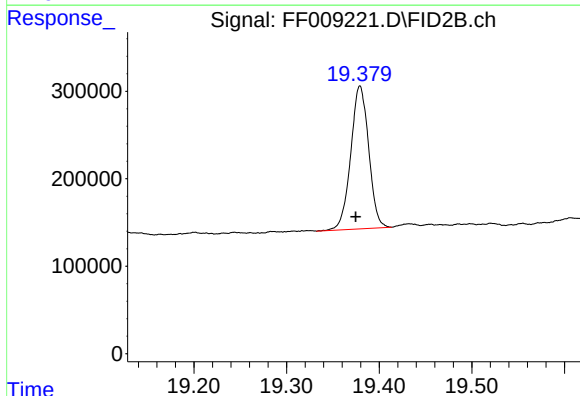
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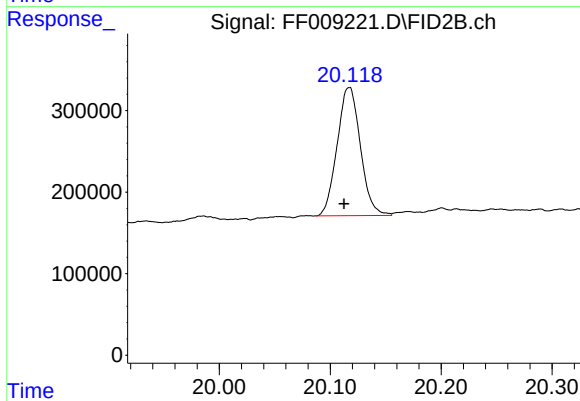
#14 N-DOTRIACONTANE

R.T.: 18.599 min
Delta R.T.: 0.005 min
Response: 2216272
Conc: 20.99 ug/ml m



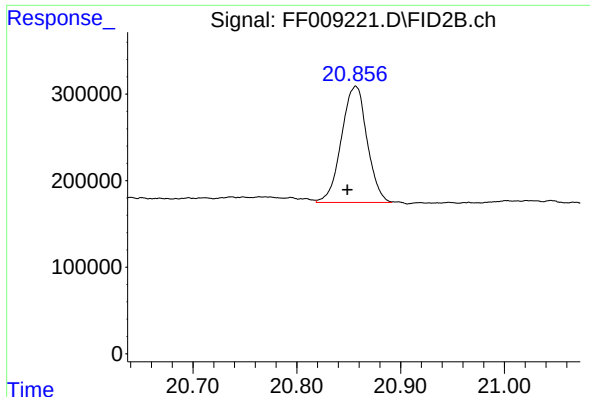
#15 N-TETRATRIACONTANE

R.T.: 19.379 min
Delta R.T.: 0.005 min
Response: 2197218
Conc: 22.48 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.118 min
Delta R.T.: 0.006 min
Response: 2290680
Conc: 25.77 ug/ml m



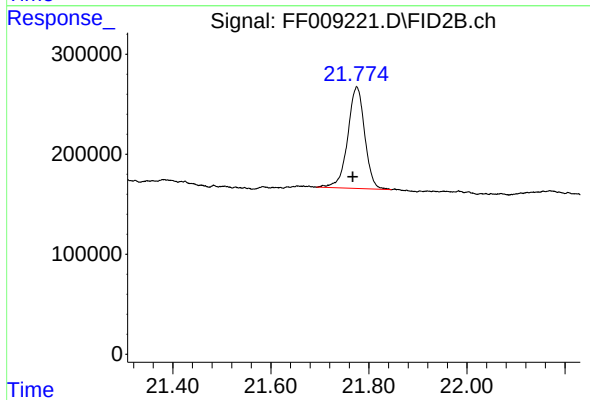
#17 N-OCTATRIACONTANE

R.T.: 20.856 min
Delta R.T.: 0.008 min
Response: 2302359
Conc: 28.20 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.775 min
Delta R.T.: 0.008 min
Response: 2443528
Conc: 30.08 ug/ml