

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100225\
 Data File : FF016512.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 12:54
 Operator : YP\AJ
 Sample : 10 TRPH STD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e
 Quant Time: Oct 03 03:34:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
 Quant Title :
 QLast Update : Fri Oct 03 03:31:45 2025
 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...	15.065	1228550	10.481 ug/mlm
Target Compounds			
1) N-OCTANE	2.048	1231207	10.502 ug/ml
2) N-DECANE	4.583	1248028	10.377 ug/ml
3) N-DODECANE	6.762	1268209	10.354 ug/ml
4) N-TETRADECANE	8.595	1279939	10.370 ug/ml
5) N-HEXADECANE	10.204	1309042	10.459 ug/ml
6) N-OCTADECANE	11.650	1366007	10.570 ug/ml
7) N-EICOSANE	12.963	1399742	10.628 ug/ml
8) N-DOCOSANE	14.164	1372675	10.562 ug/ml
10) N-TETRACOSANE	15.270	1385923	10.545 ug/ml
11) N-HEXACOSANE	16.294	1386979	10.534 ug/ml
12) N-OCTACOSANE	17.248	1372048	10.548 ug/ml
13) N-TRIACONTANE	18.139	1393151	10.709 ug/ml
14) N-DOTRIACONTANE	18.975	1361594	11.315 ug/ml
15) N-TETRATRIACONTANE	19.762	1111280	11.310 ug/ml
16) N-HEXATRIACONTANE	20.503	884066	11.584 ug/ml
17) N-OCTATRIACONTANE	21.263	731150	11.468 ug/ml
18) N-TETRACONTANE	22.210	650835	11.588 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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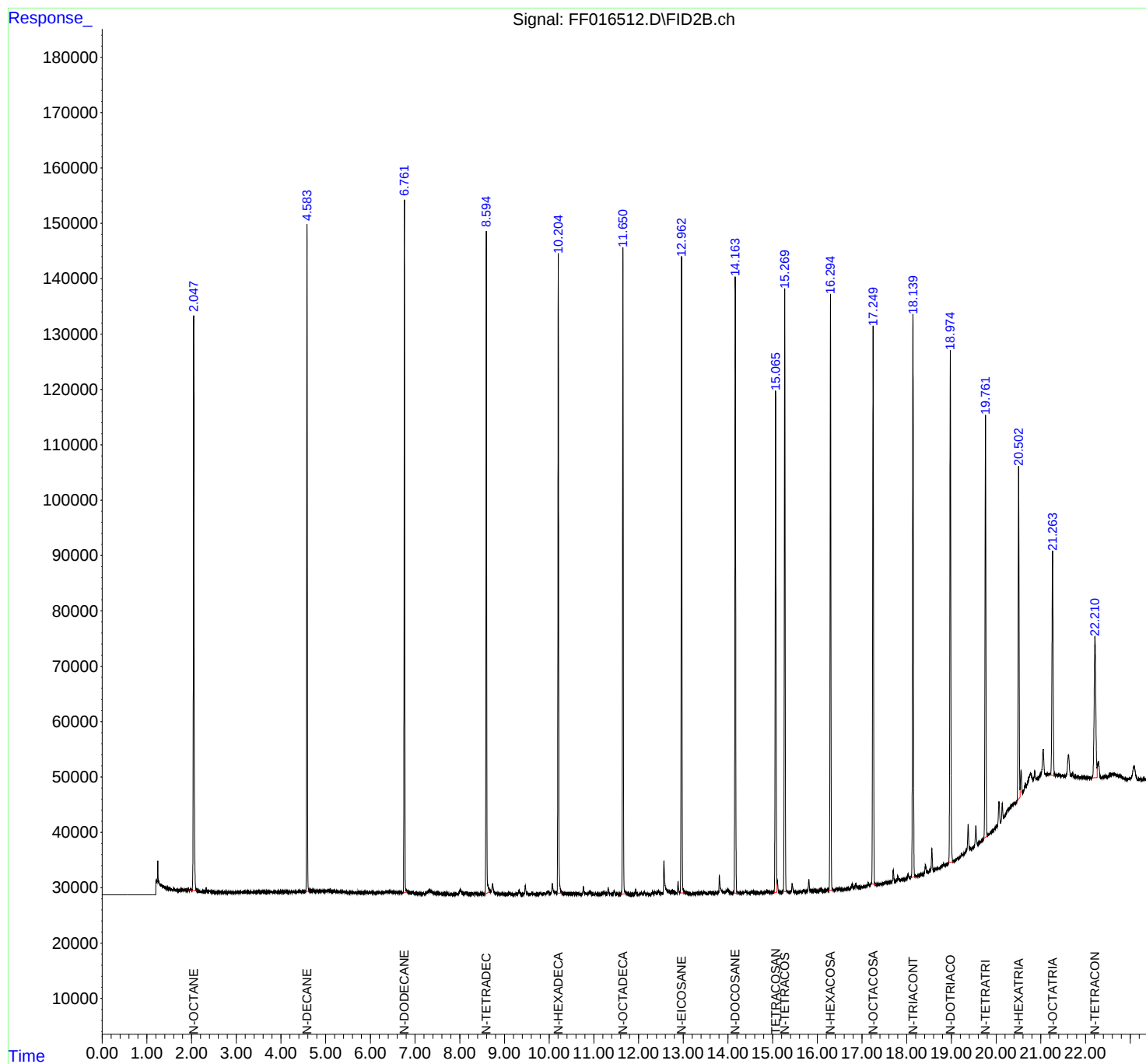
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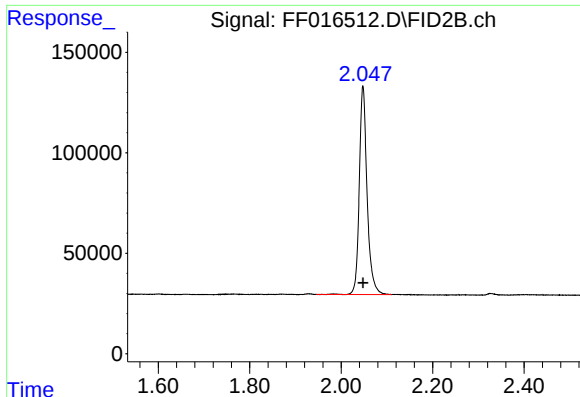
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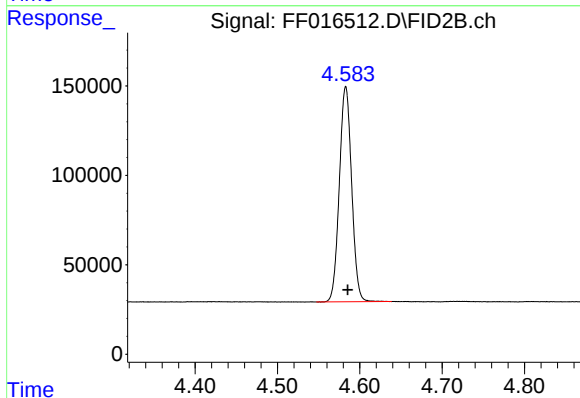
#1 N-OCTANE

R.T.: 2.048 min
Delta R.T.: 0.000 min
Response: 1231207
Conc: 10.50 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD

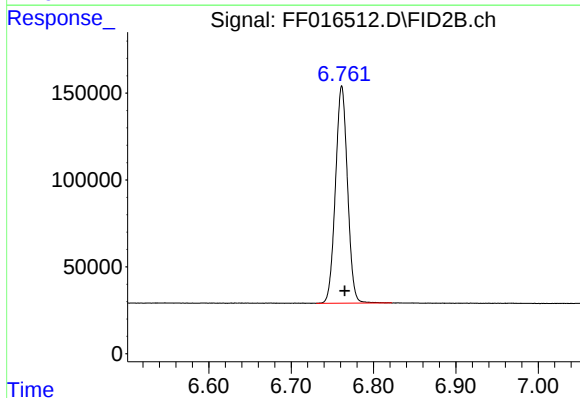
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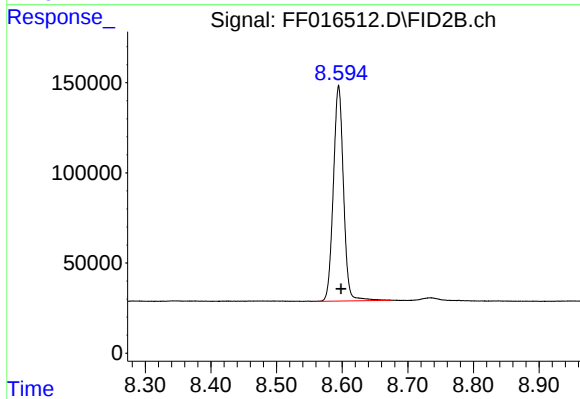
#2 N-DECANE

R.T.: 4.583 min
Delta R.T.: -0.003 min
Response: 1248028
Conc: 10.38 ug/ml



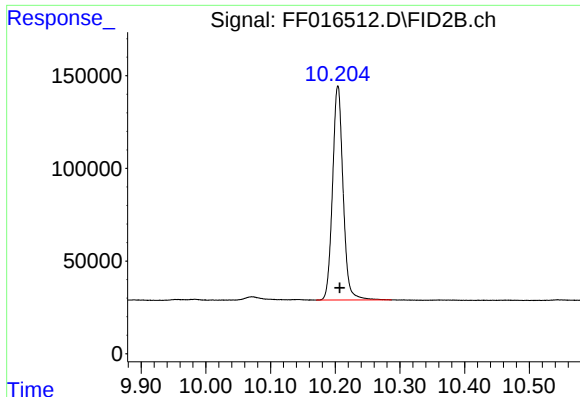
#3 N-DODECANE

R.T.: 6.762 min
Delta R.T.: -0.003 min
Response: 1268209
Conc: 10.35 ug/ml



#4 N-TETRADECANE

R.T.: 8.595 min
Delta R.T.: -0.004 min
Response: 1279939
Conc: 10.37 ug/ml



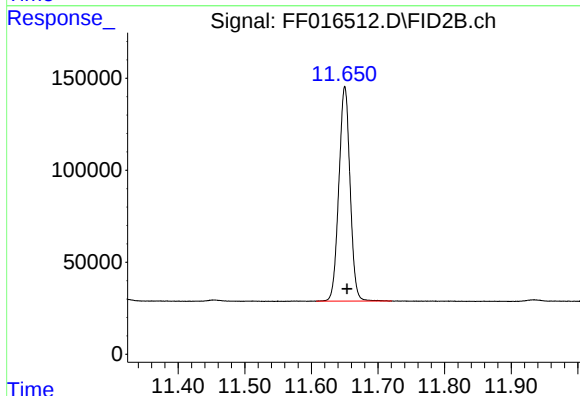
#5 N-HEXADECANE

R.T.: 10.204 min
Delta R.T.: -0.003 min
Response: 1309042
Conc: 10.46 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD

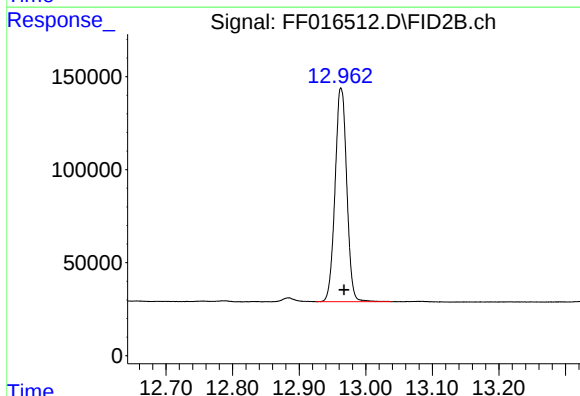
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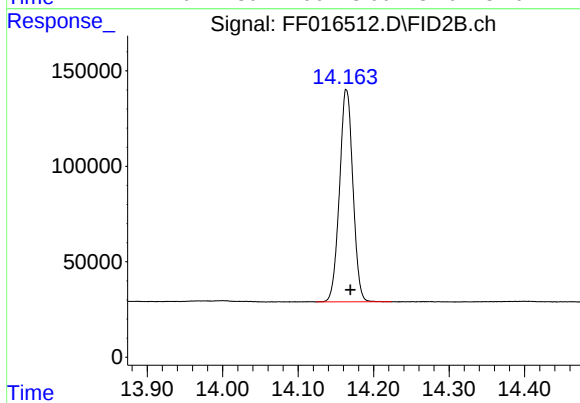
#6 N-OCTADECANE

R.T.: 11.650 min
Delta R.T.: -0.003 min
Response: 1366007
Conc: 10.57 ug/ml



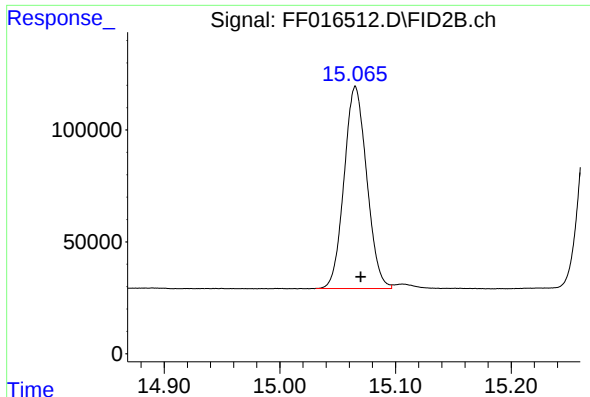
#7 N-EICOSANE

R.T.: 12.963 min
Delta R.T.: -0.005 min
Response: 1399742
Conc: 10.63 ug/ml



#8 N-DOCOSANE

R.T.: 14.164 min
Delta R.T.: -0.005 min
Response: 1372675
Conc: 10.56 ug/ml



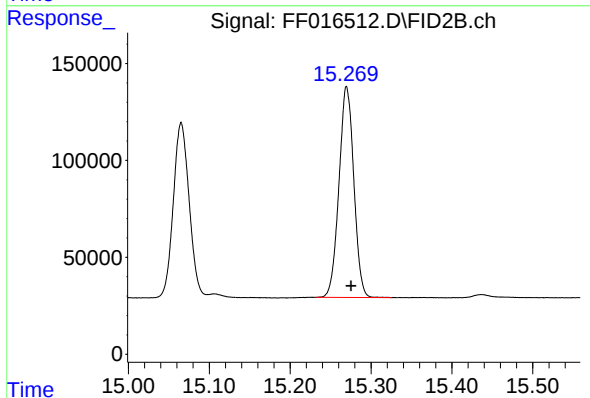
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.065 min
Delta R.T.: -0.005 min
Response: 1228550
Conc: 10.48 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD

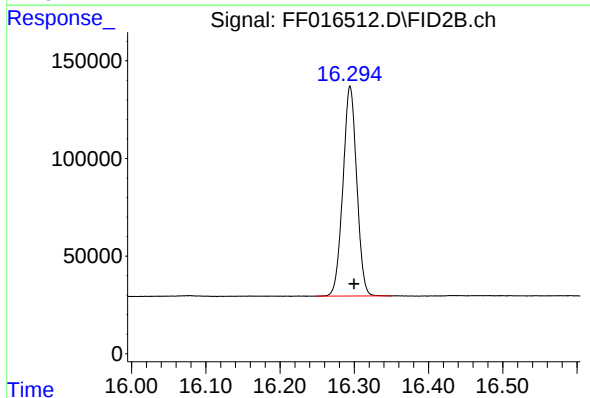
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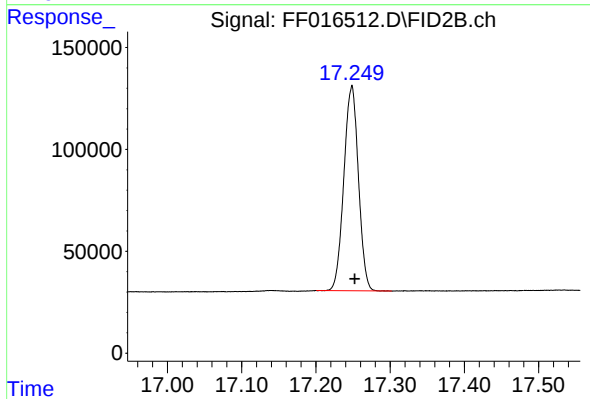
#10 N-TETRACOSANE

R.T.: 15.270 min
Delta R.T.: -0.005 min
Response: 1385923
Conc: 10.54 ug/ml



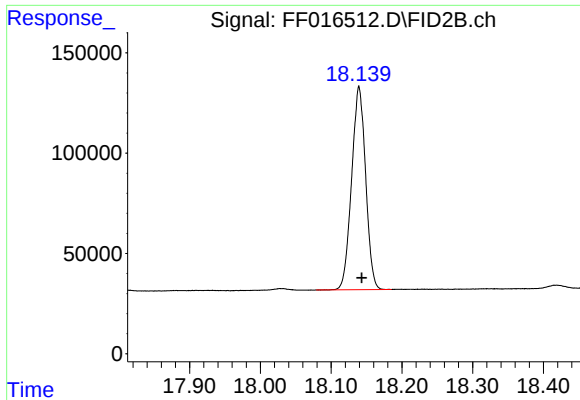
#11 N-HEXACOSANE

R.T.: 16.294 min
Delta R.T.: -0.005 min
Response: 1386979
Conc: 10.53 ug/ml



#12 N-OCTACOSANE

R.T.: 17.248 min
Delta R.T.: -0.004 min
Response: 1372048
Conc: 10.55 ug/ml



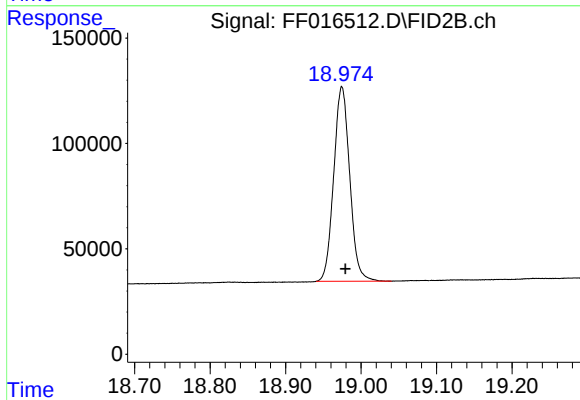
#13 N-TRIACONTANE

R.T.: 18.139 min
Delta R.T.: -0.004 min
Response: 1393151
Conc: 10.71 ug/ml

Instrument :
FID_F
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10 TRPH STD

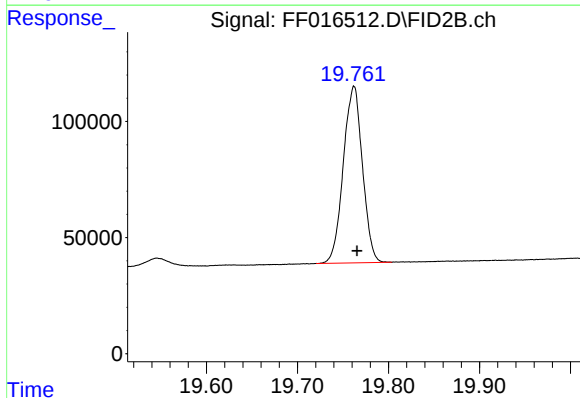
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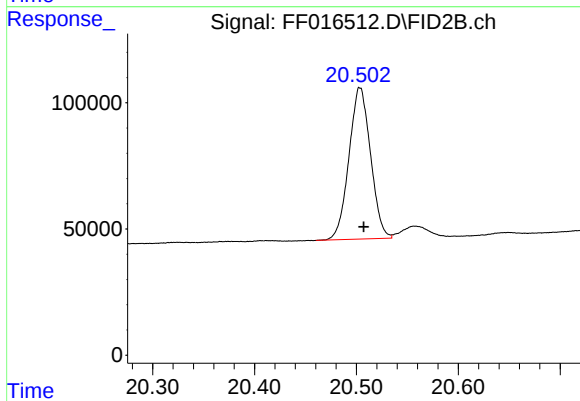
#14 N-DOTRIACONTANE

R.T.: 18.975 min
Delta R.T.: -0.005 min
Response: 1361594
Conc: 11.32 ug/ml



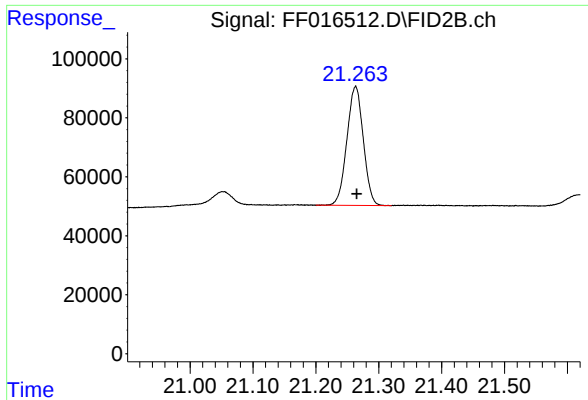
#15 N-TETRATRIACONTANE

R.T.: 19.762 min
Delta R.T.: -0.003 min
Response: 1111280
Conc: 11.31 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.503 min
Delta R.T.: -0.004 min
Response: 884066
Conc: 11.58 ug/ml



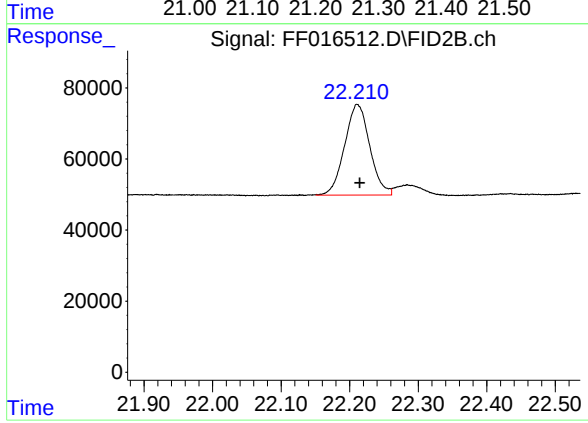
#17 N-OCTATRIACONTANE

R.T.: 21.263 min
Delta R.T.: -0.002 min
Response: 731150
Conc: 11.47 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.210 min
Delta R.T.: -0.005 min
Response: 650835
Conc: 11.59 ug/ml m