

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
 Data File : FF016890.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2025 12:07
 Operator : YP\AJ
 Sample : Q3790-04MS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 304 FURMAN SOIL-TPH-1MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/11/2025
 Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
 Quant Time: Dec 11 00:49:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:05:52 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...	15.042	1160704	11.780 ug/mlm
Target Compounds			
1) N-OCTANE	2.033	1477938	12.568 ug/ml
2) N-DECANE	4.558	1746722	15.092 ug/ml
3) N-DODECANE	6.736	1839554	16.041 ug/ml
4) N-TETRADECANE	8.569	1823098	16.006 ug/ml
5) N-HEXADECANE	10.178	1890530	16.638 ug/ml
6) N-OCTADECANE	11.624	2024654	17.415 ug/ml
7) N-EICOSANE	12.938	2005392	17.011 ug/ml
8) N-DOCOSANE	14.139	2043781	18.070 ug/ml
10) N-TETRACOSANE	15.246	2350636	21.097 ug/ml
11) N-HEXACOSANE	16.272	1949928	18.320 ug/ml
12) N-OCTACOSANE	17.225	2005333	18.903 ug/ml
13) N-TRIACONTANE	18.116	1971540	18.446 ug/ml
14) N-DOTRIACONTANE	18.953	2135768	20.259 ug/ml
15) N-TETRATRIACONTANE	19.740	2035279	20.503 ug/ml
16) N-HEXATRIACONTANE	20.484	1914503	22.051 ug/ml
17) N-OCTATRIACONTANE	21.239	1996303	27.086 ug/ml
18) N-TETRACONTANE	22.179	1866248	31.204 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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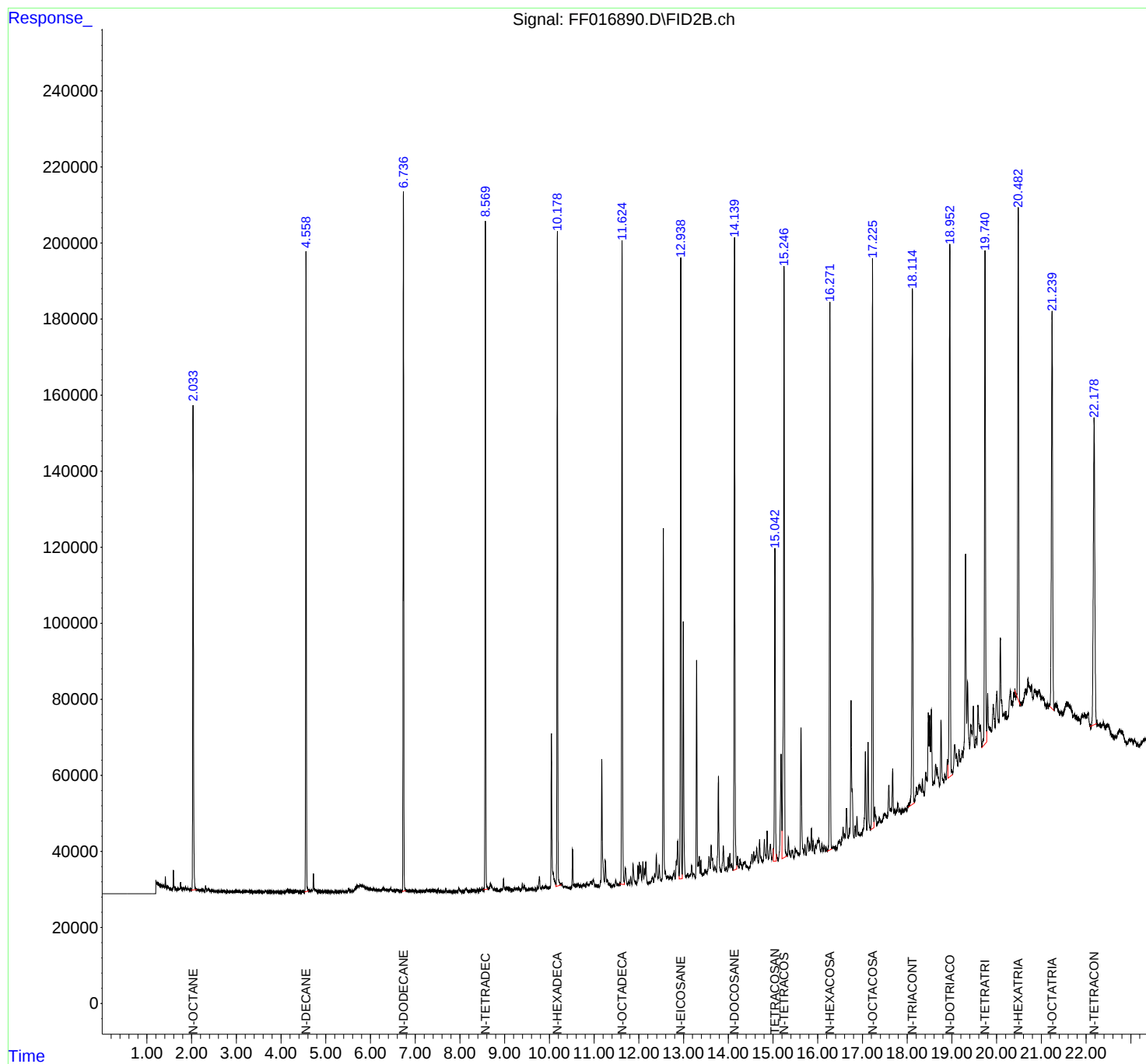
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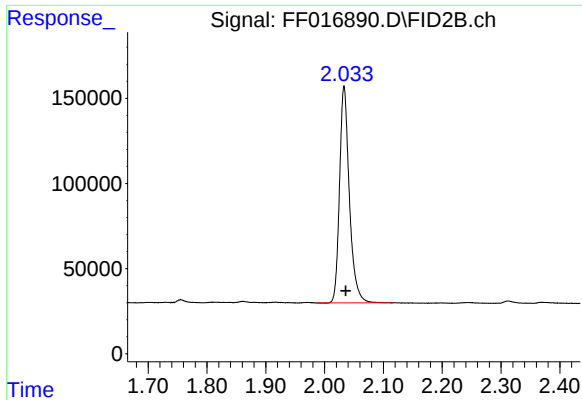
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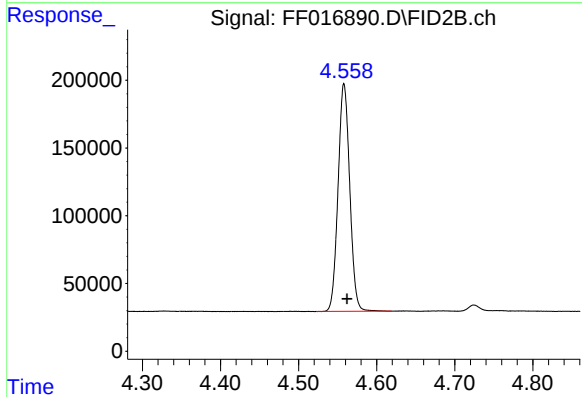
#1 N-OCTANE

R.T.: 2.033 min
Delta R.T.: -0.003 min
Response: 1477938
Conc: 12.57 ug/ml

Instrument :
FID_F
ClientSampleId :
304 FURMAN SOIL-TPH-1MS

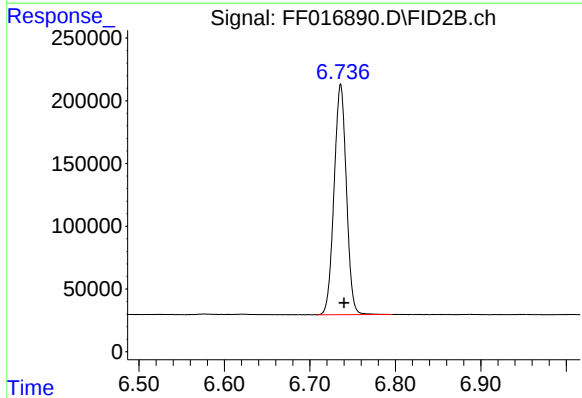
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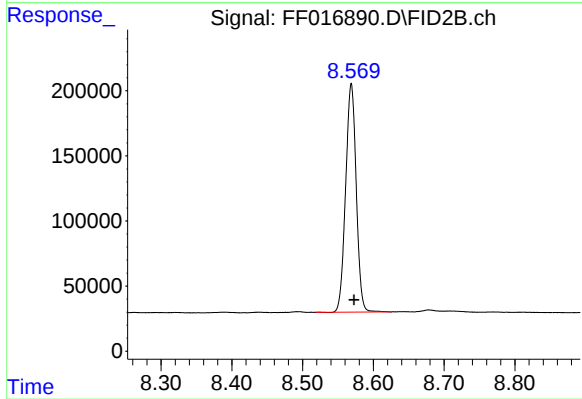
#2 N-DECANE

R.T.: 4.558 min
Delta R.T.: -0.004 min
Response: 1746722
Conc: 15.09 ug/ml



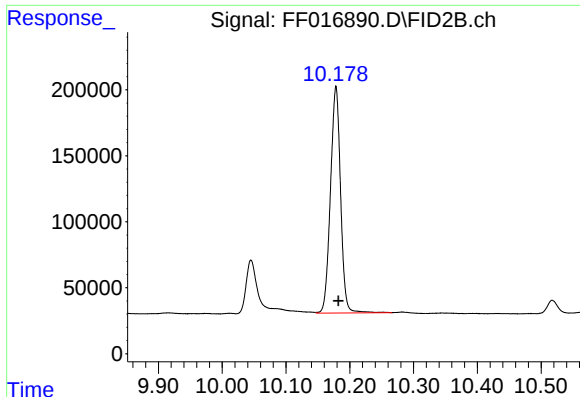
#3 N-DODECANE

R.T.: 6.736 min
Delta R.T.: -0.004 min
Response: 1839554
Conc: 16.04 ug/ml



#4 N-TETRADECANE

R.T.: 8.569 min
Delta R.T.: -0.004 min
Response: 1823098
Conc: 16.01 ug/ml



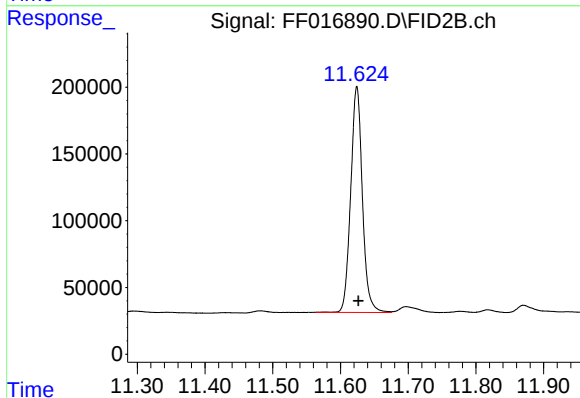
#5 N-HEXADECANE

R.T.: 10.178 min
Delta R.T.: -0.004 min
Response: 1890530
Conc: 16.64 ug/ml

Instrument :
FID_F
ClientSampleId :
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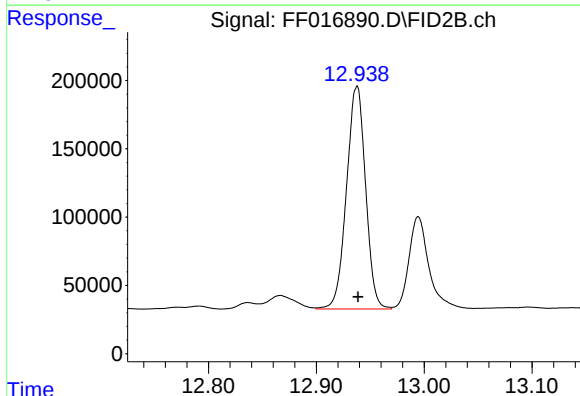
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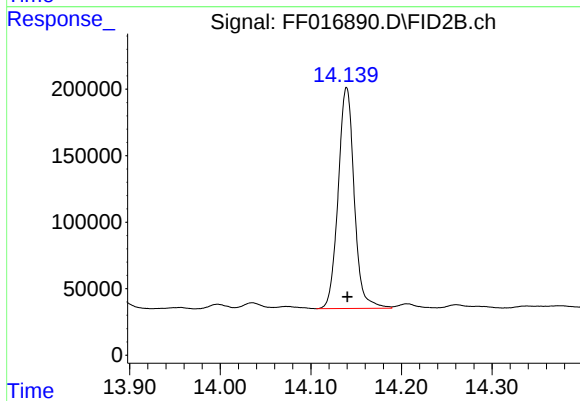
#6 N-OCTADECANE

R.T.: 11.624 min
Delta R.T.: -0.003 min
Response: 2024654
Conc: 17.41 ug/ml



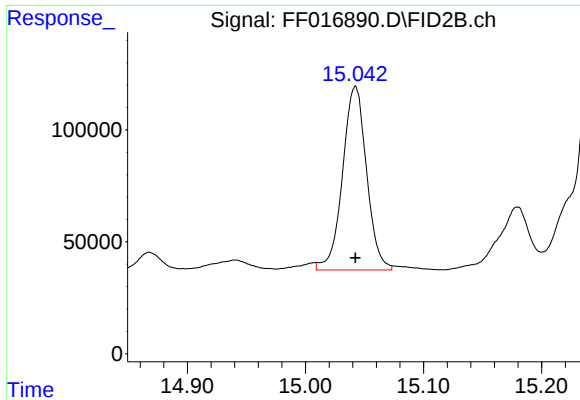
#7 N-EICOSANE

R.T.: 12.938 min
Delta R.T.: 0.000 min
Response: 2005392
Conc: 17.01 ug/ml



#8 N-DOCOSANE

R.T.: 14.139 min
Delta R.T.: 0.000 min
Response: 2043781
Conc: 18.07 ug/ml



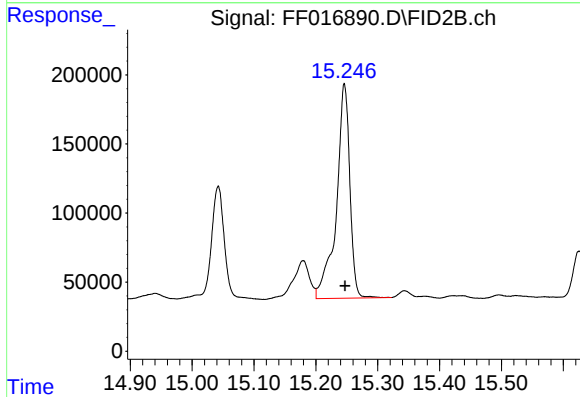
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.042 min
Delta R.T.: 0.000 min
Response: 1160704
Conc: 11.78 ug/ml

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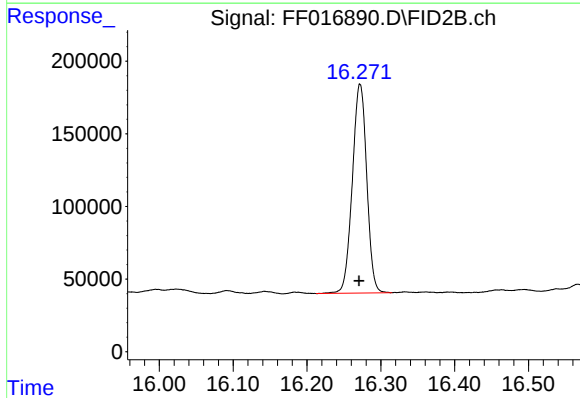
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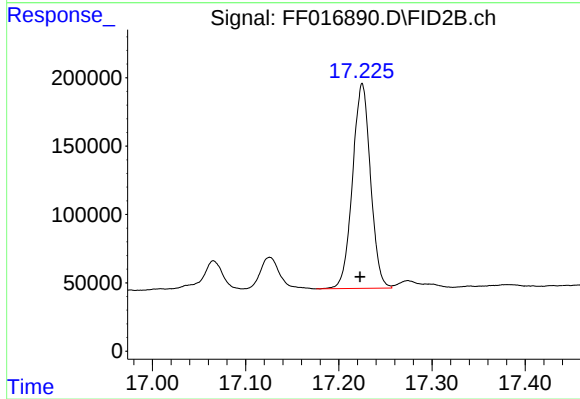
#10 N-TETRACOSANE

R.T.: 15.246 min
Delta R.T.: 0.000 min
Response: 2350636
Conc: 21.10 ug/ml



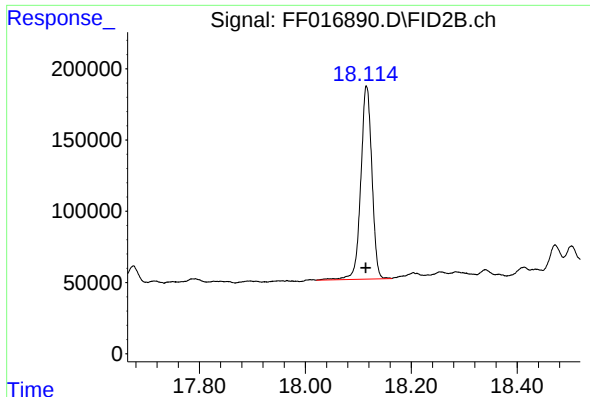
#11 N-HEXACOSANE

R.T.: 16.272 min
Delta R.T.: 0.002 min
Response: 1949928
Conc: 18.32 ug/ml



#12 N-OCTACOSANE

R.T.: 17.225 min
Delta R.T.: 0.002 min
Response: 2005333
Conc: 18.90 ug/ml



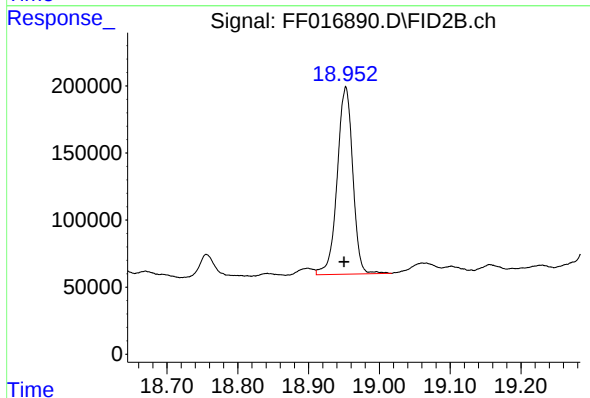
#13 N-TRIACONTANE

R.T.: 18.116 min
Delta R.T.: 0.002 min
Response: 1971540
Conc: 18.45 ug/ml

Instrument :
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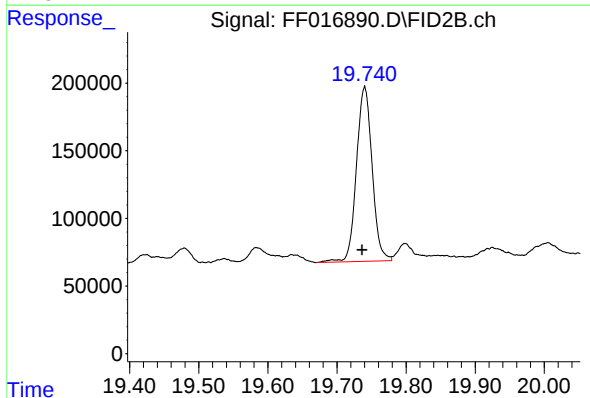
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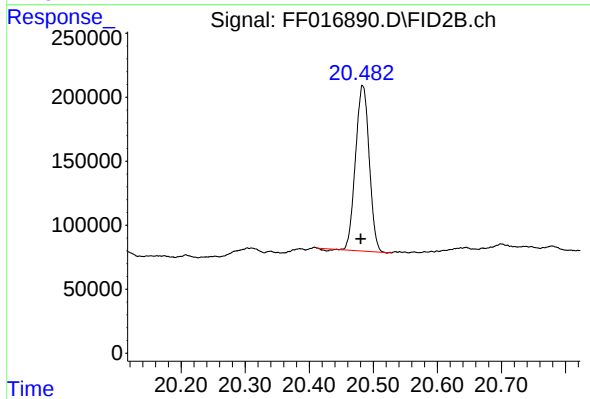
#14 N-DOTRIACONTANE

R.T.: 18.953 min
Delta R.T.: 0.002 min
Response: 2135768
Conc: 20.26 ug/ml



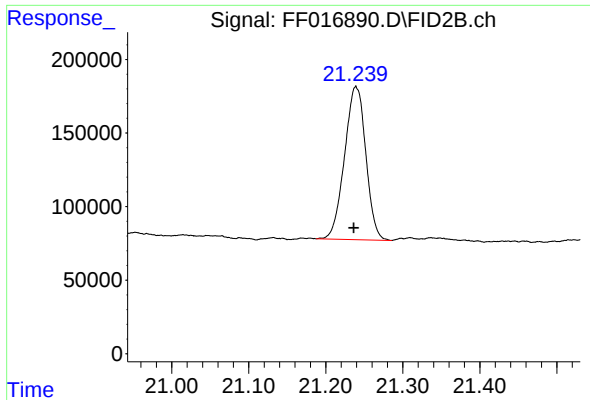
#15 N-TETRATRIACONTANE

R.T.: 19.740 min
Delta R.T.: 0.004 min
Response: 2035279
Conc: 20.50 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.484 min
Delta R.T.: 0.003 min
Response: 1914503
Conc: 22.05 ug/ml



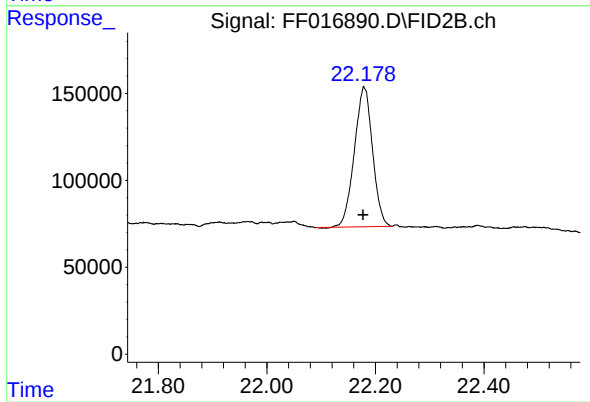
#17 N-OCTATRIACONTANE

R.T.: 21.239 min
Delta R.T.: 0.003 min
Response: 1996303
Conc: 27.09 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.179 min
Delta R.T.: 0.001 min
Response: 1866248
Conc: 31.20 ug/ml