

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
 Data File : FF016891.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2025 12:36
 Operator : YP\AJ
 Sample : Q3790-04MSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

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

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 00:50:05 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	1120582	11.373 ug/mlm
Target Compounds			
1) N-OCTANE	2.033	1414003	12.024 ug/ml
2) N-DECANE	4.559	1675385	14.475 ug/ml
3) N-DODECANE	6.736	1763114	15.374 ug/ml
4) N-TETRADECANE	8.569	1758783	15.442 ug/ml
5) N-HEXADECANE	10.178	1794873	15.796 ug/ml
6) N-OCTADECANE	11.625	1944025	16.721 ug/ml
7) N-EICOSANE	12.938	1920133	16.288 ug/ml
8) N-DOCOSANE	14.139	1939237	17.146 ug/ml
10) N-TETRACOSANE	15.246	2256853	20.255 ug/ml
11) N-HEXACOSANE	16.272	1881868	17.680 ug/ml
12) N-OCTACOSANE	17.226	1889948	17.815 ug/ml
13) N-TRIACONTANE	18.117	1952380	18.267 ug/ml
14) N-DOTRIACONTANE	18.954	2074664	19.679 ug/ml
15) N-TETRATRIACONTANE	19.742	1934336	19.486 ug/ml
16) N-HEXATRIACONTANE	20.485	1858936	21.411 ug/ml
17) N-OCTATRIACONTANE	21.240	1972448	26.762 ug/ml
18) N-TETRACONTANE	22.181	1819113	30.415 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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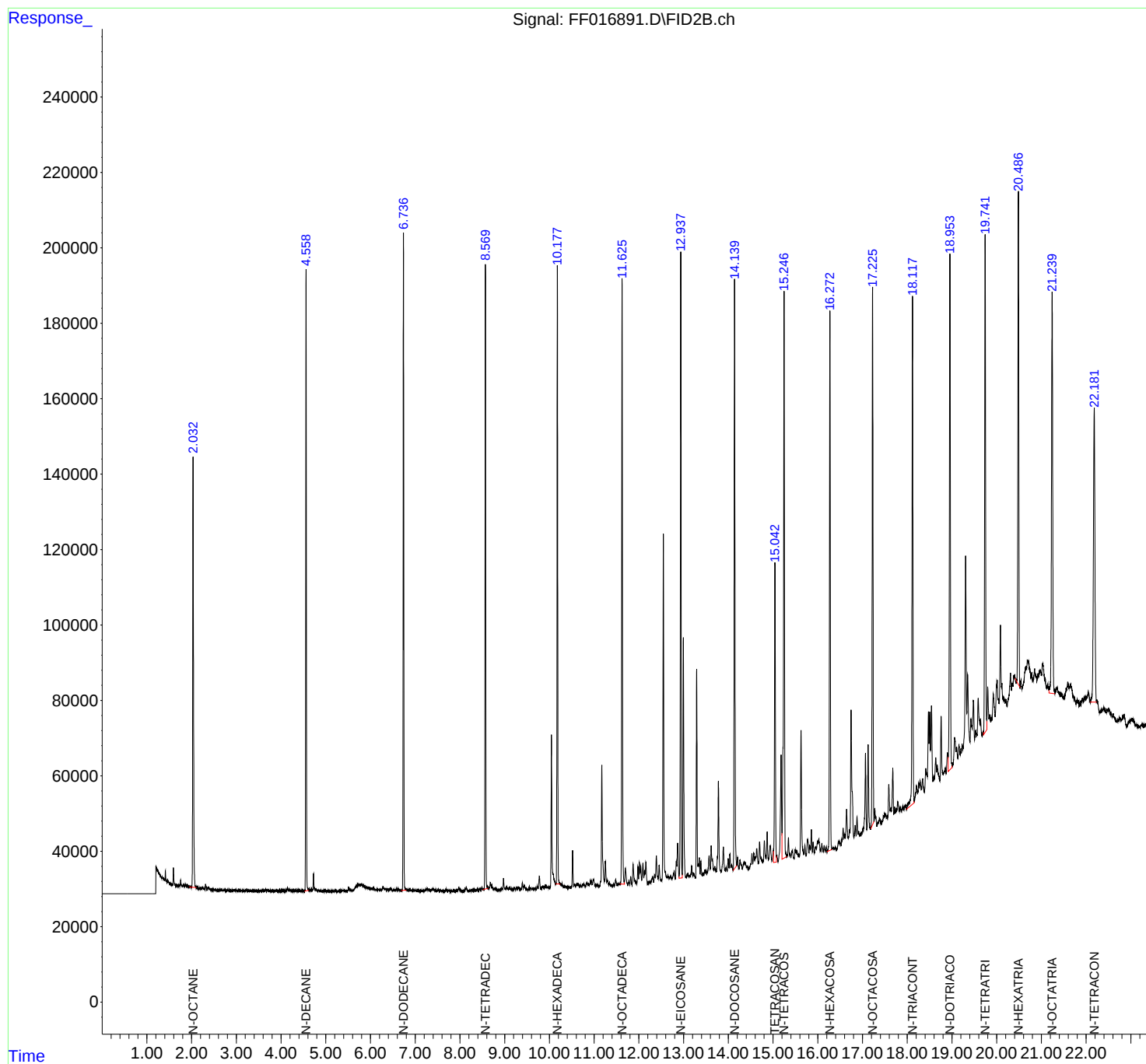
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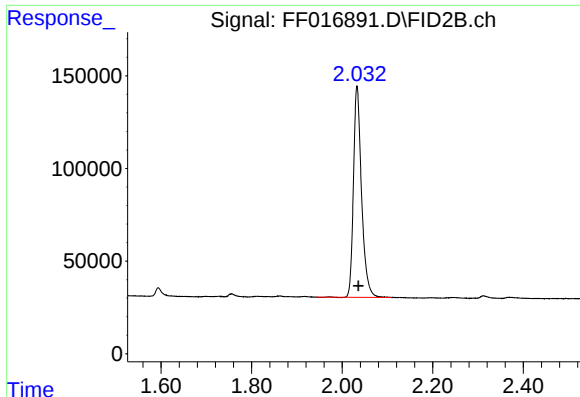
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.033 min
Delta R.T.: -0.003 min
Response: 1414003
Conc: 12.02 ug/ml

Instrument :

FID_F

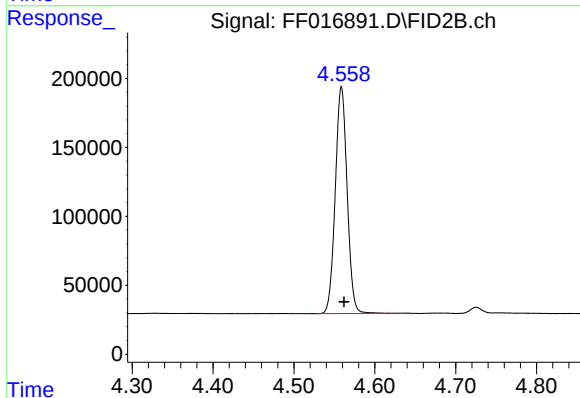
ClientSampleId :

304 FURMAN SOIL-TPH-1MSD

Manual Integrations

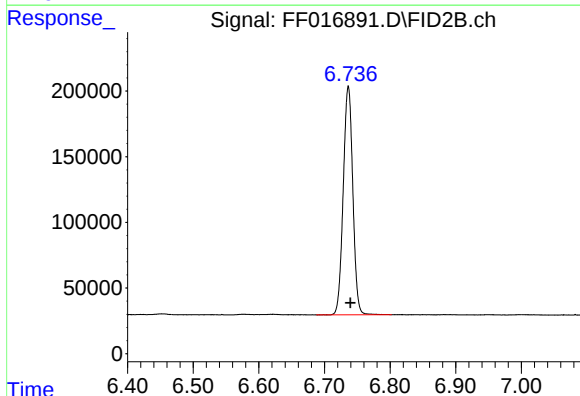
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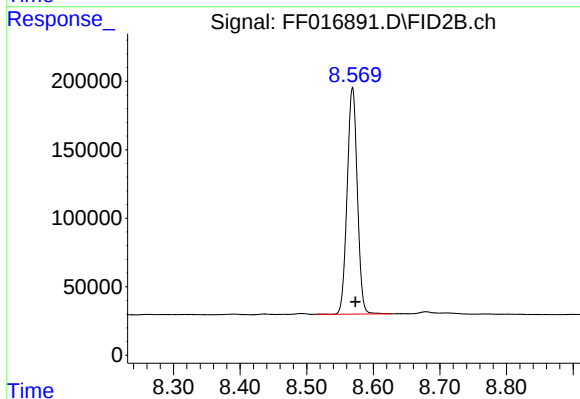
#2 N-DECANE

R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 1675385
Conc: 14.48 ug/ml



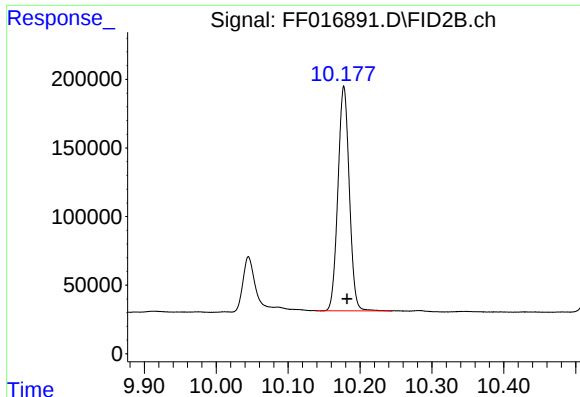
#3 N-DODECANE

R.T.: 6.736 min
Delta R.T.: -0.003 min
Response: 1763114
Conc: 15.37 ug/ml



#4 N-TETRADECANE

R.T.: 8.569 min
Delta R.T.: -0.004 min
Response: 1758783
Conc: 15.44 ug/ml



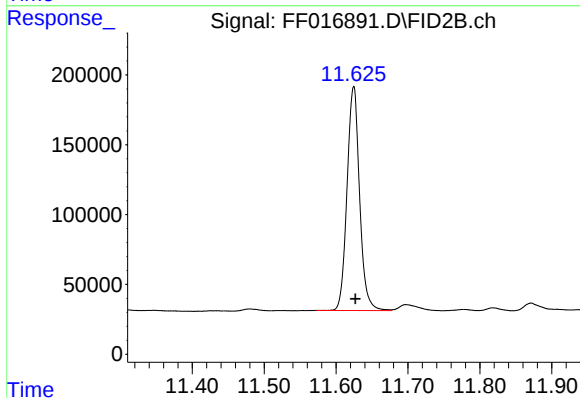
#5 N-HEXADECANE

R.T.: 10.178 min
Delta R.T.: -0.004 min
Response: 1794873
Conc: 15.80 ug/ml

Instrument :
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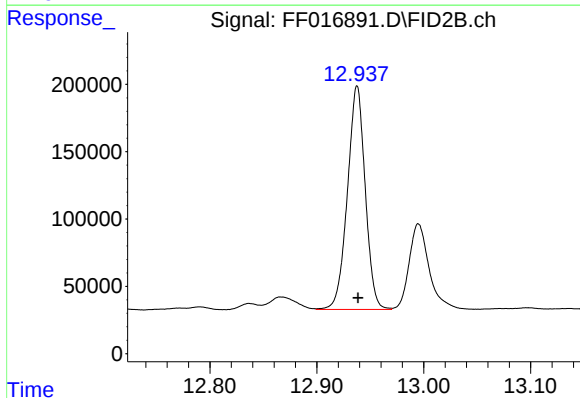
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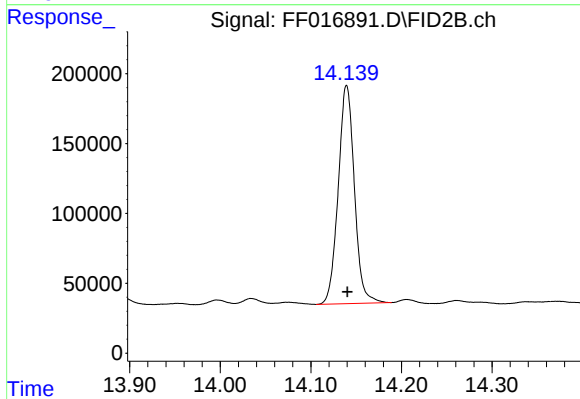
#6 N-OCTADECANE

R.T.: 11.625 min
Delta R.T.: -0.002 min
Response: 1944025
Conc: 16.72 ug/ml



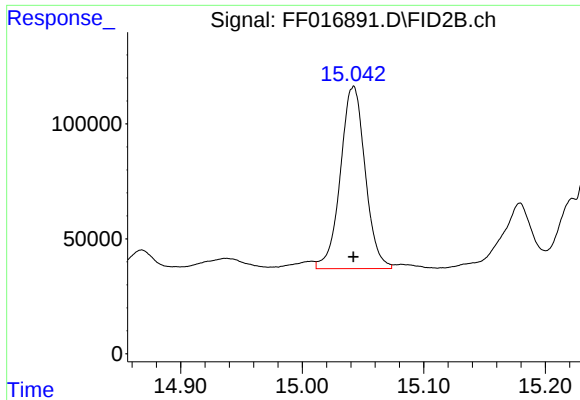
#7 N-EICOSANE

R.T.: 12.938 min
Delta R.T.: 0.000 min
Response: 1920133
Conc: 16.29 ug/ml



#8 N-DOCOSANE

R.T.: 14.139 min
Delta R.T.: 0.000 min
Response: 1939237
Conc: 17.15 ug/ml



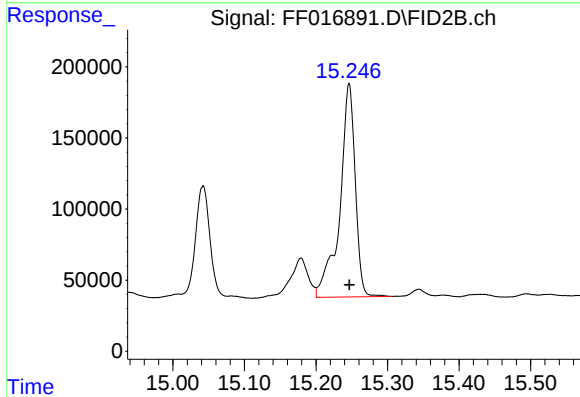
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.042 min
Delta R.T.: 0.000 min
Response: 1120582
Conc: 11.37 ug/ml

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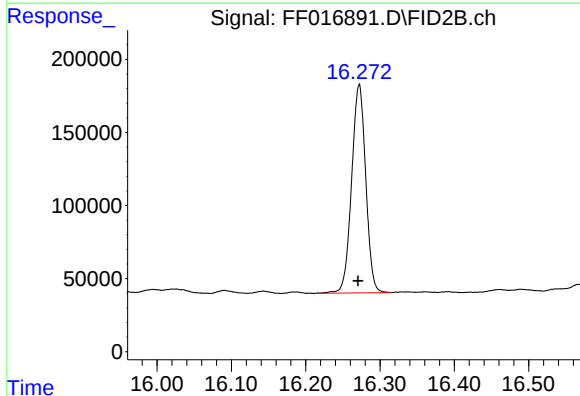
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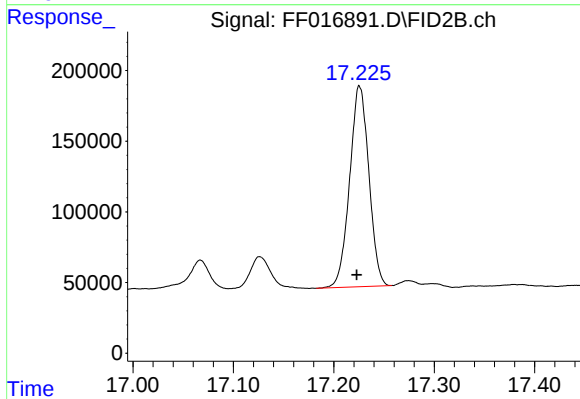
#10 N-TETRACOSANE

R.T.: 15.246 min
Delta R.T.: 0.000 min
Response: 2256853
Conc: 20.26 ug/ml



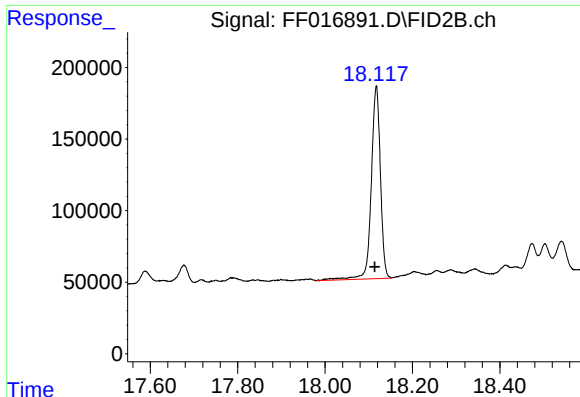
#11 N-HEXACOSANE

R.T.: 16.272 min
Delta R.T.: 0.002 min
Response: 1881868
Conc: 17.68 ug/ml



#12 N-OCTACOSANE

R.T.: 17.226 min
Delta R.T.: 0.003 min
Response: 1889948
Conc: 17.82 ug/ml



#13 N-TRIACONTANE

R.T.: 18.117 min
Delta R.T.: 0.003 min
Response: 1952380
Conc: 18.27 ug/ml

Instrument :

FID_F

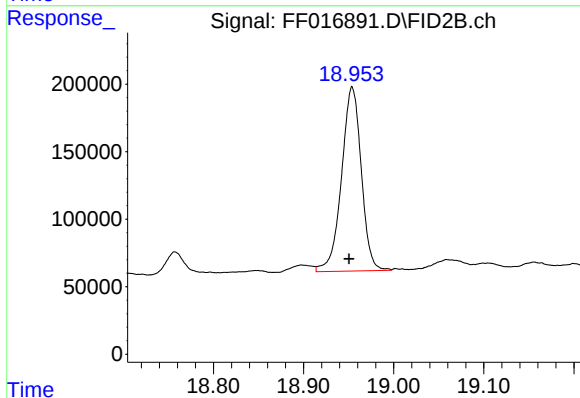
ClientSampleId :

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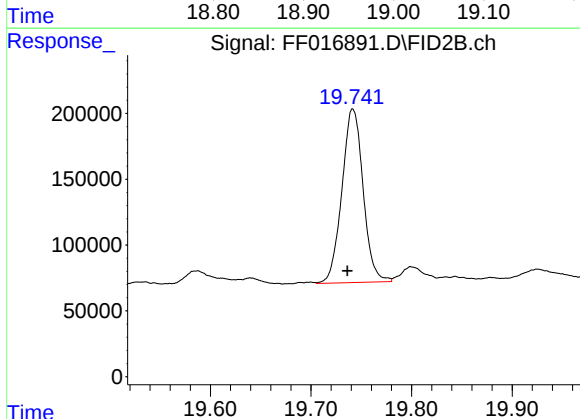
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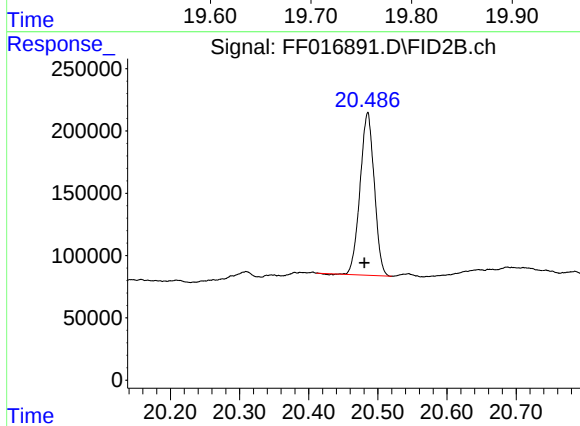
#14 N-DOTRIACONTANE

R.T.: 18.954 min
Delta R.T.: 0.004 min
Response: 2074664
Conc: 19.68 ug/ml



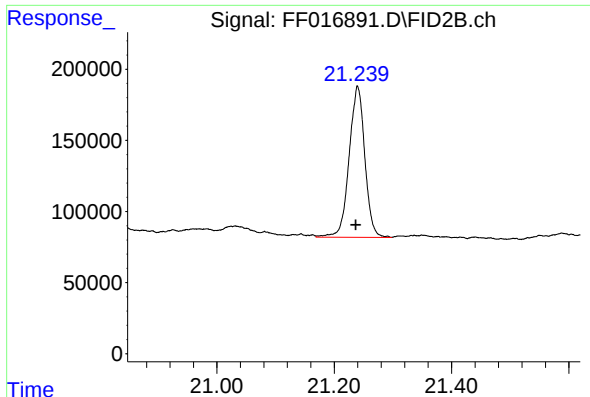
#15 N-TETRATRIACONTANE

R.T.: 19.742 min
Delta R.T.: 0.005 min
Response: 1934336
Conc: 19.49 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.485 min
Delta R.T.: 0.005 min
Response: 1858936
Conc: 21.41 ug/ml



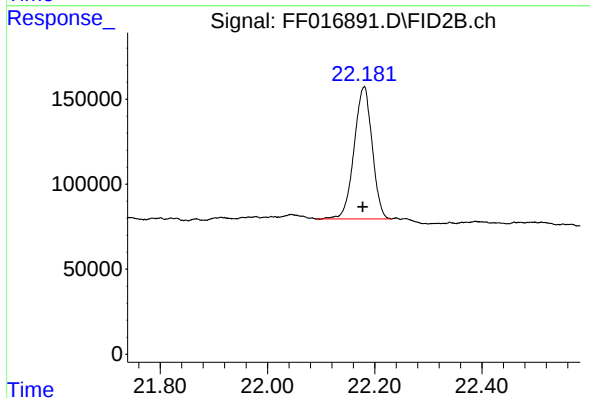
#17 N-OCTATRIACONTANE

R.T.: 21.240 min
Delta R.T.: 0.003 min
Response: 1972448
Conc: 26.76 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.181 min
Delta R.T.: 0.003 min
Response: 1819113
Conc: 30.42 ug/ml