

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120624\
 Data File : FG014931.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2024 15:37
 Operator : YP\AJ
 Sample : P5112-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10TH-ST-SOILMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/09/2024
 Supervised By :Ankita Jodhani 12/09/2024

Integration File: Sample.e
 Quant Time: Dec 06 22:02:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112024.M
 Quant Title :
 QLast Update : Thu Nov 21 02:41:43 2024
 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	1600184	13.867 ug/mlm
Target Compounds			
1) N-OCTANE	2.053	1624641	12.253 ug/ml
2) N-DECANE	4.565	1950937	14.620 ug/ml
3) N-DODECANE	6.737	2085712	15.158 ug/ml
4) N-TETRADECANE	8.569	2154287	16.159 ug/ml
5) N-HEXADECANE	10.181	2634996	19.578 ug/ml
6) N-OCTADECANE	11.627	2325477	16.939 ug/ml
7) N-EICOSANE	12.942	2951924	22.276 ug/ml
8) N-DOCOSANE	14.142	3288037	25.485 ug/ml
10) N-TETRACOSANE	15.226	6593722	52.067 ug/mlm
11) N-HEXACOSANE	16.269	2315382	18.819 ug/ml
12) N-OCTACOSANE	17.220	3222661	26.638 ug/ml
13) N-TRIACONTANE	18.110	2693206	22.461 ug/ml
14) N-DOTRIACONTANE	18.943	2242968	19.283 ug/ml
15) N-TETRATRIACONTANE	19.727	1827654	18.120 ug/ml
16) N-HEXATRIACONTANE	20.468	1468381	18.107 ug/ml
17) N-OCTATRIACONTANE	21.216	1457993	21.111 ug/ml
18) N-TETRACONTANE	22.151	2086192	33.818 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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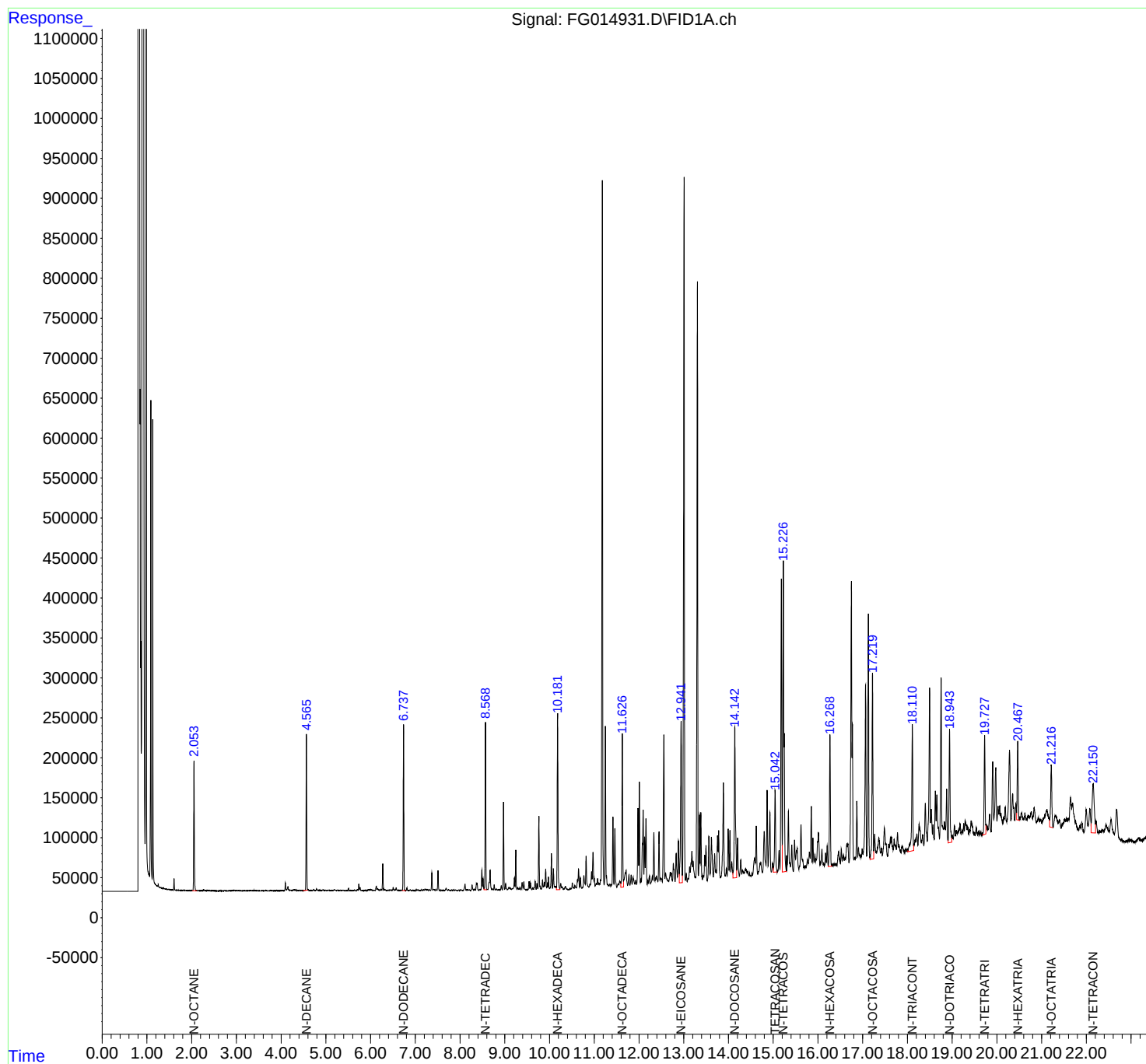
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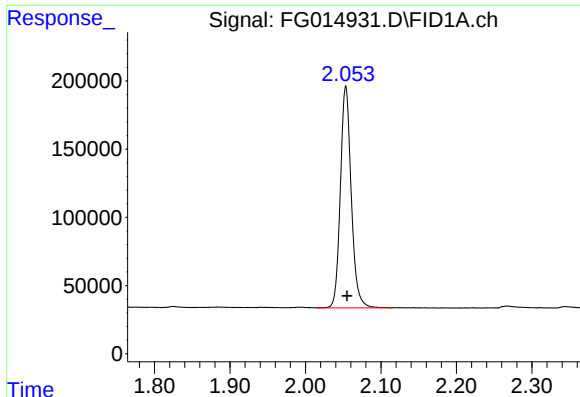
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Integrator: ChemStation

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





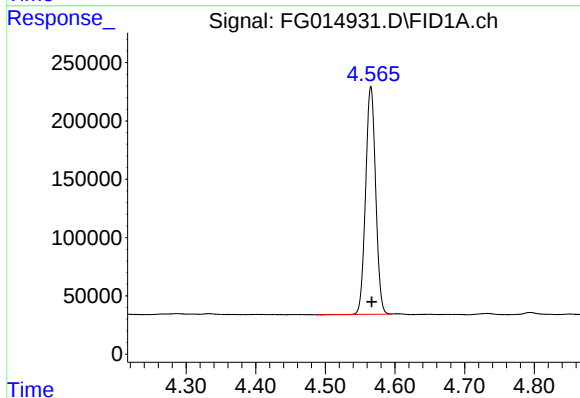
#1 N-OCTANE

R.T.: 2.053 min
Delta R.T.: -0.002 min
Response: 1624641
Conc: 12.25 ug/ml

Instrument :
FID_G
ClientSampleId :
10TH-ST-SOILMSD

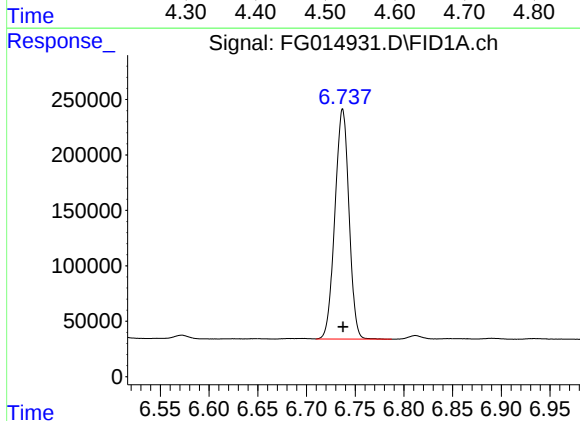
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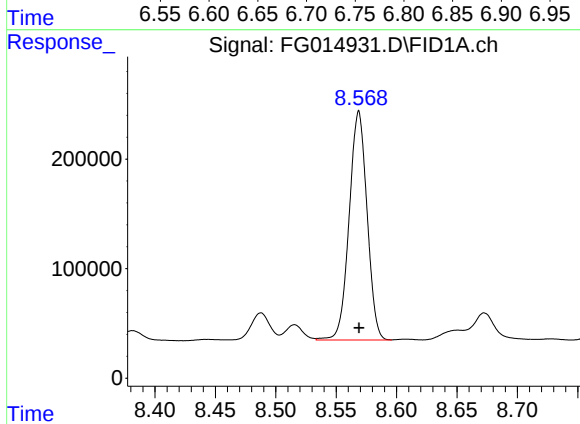
#2 N-DECANE

R.T.: 4.565 min
Delta R.T.: -0.001 min
Response: 1950937
Conc: 14.62 ug/ml



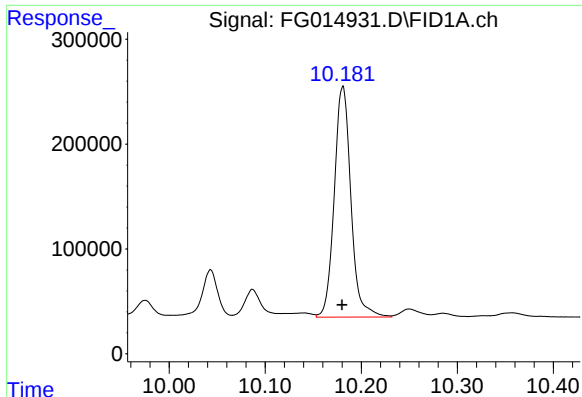
#3 N-DODECANE

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 2085712
Conc: 15.16 ug/ml



#4 N-TETRADECANE

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 2154287
Conc: 16.16 ug/ml



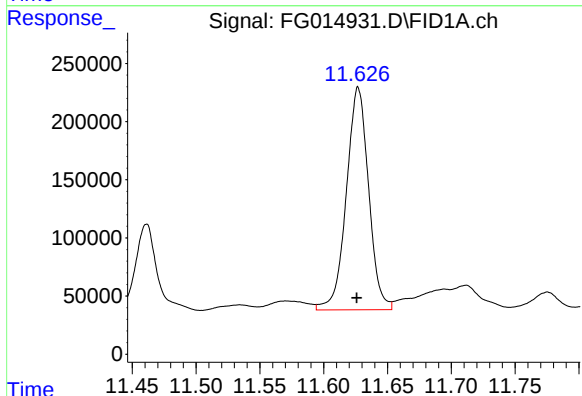
#5 N-HEXADECANE

R.T.: 10.181 min
Delta R.T.: 0.000 min
Response: 2634996
Conc: 19.58 ug/ml

Instrument :
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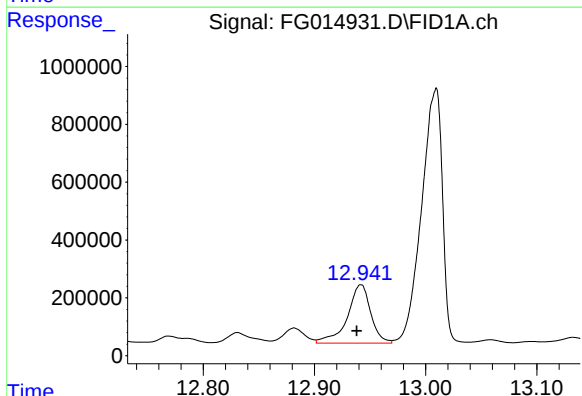
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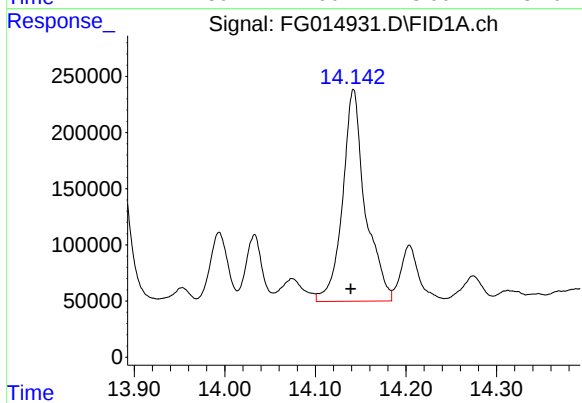
#6 N-OCTADECANE

R.T.: 11.627 min
Delta R.T.: 0.001 min
Response: 2325477
Conc: 16.94 ug/ml



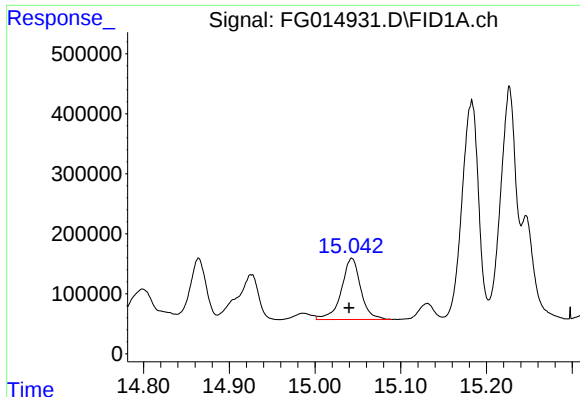
#7 N-EICOSANE

R.T.: 12.942 min
Delta R.T.: 0.004 min
Response: 2951924
Conc: 22.28 ug/ml



#8 N-DOCOSANE

R.T.: 14.142 min
Delta R.T.: 0.003 min
Response: 3288037
Conc: 25.48 ug/ml



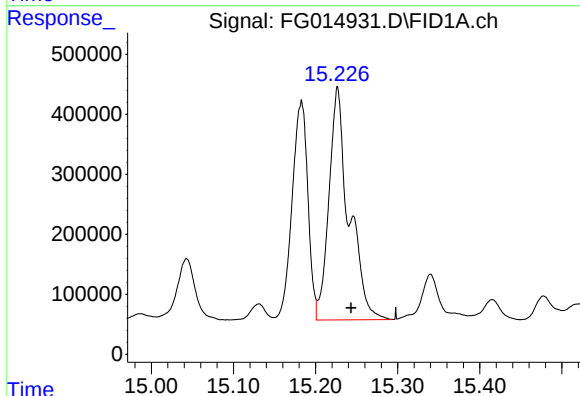
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.042 min
Delta R.T.: 0.003 min
Response: 1600184
Conc: 13.87 ug/ml

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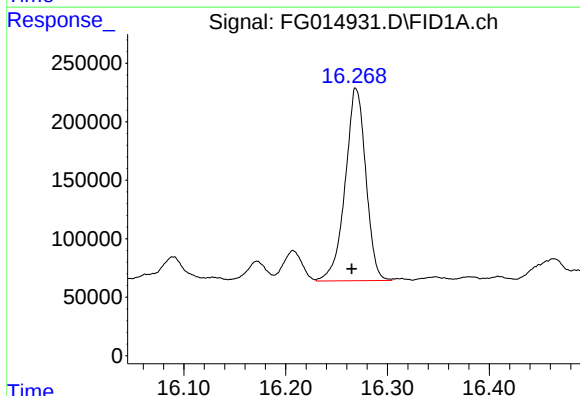
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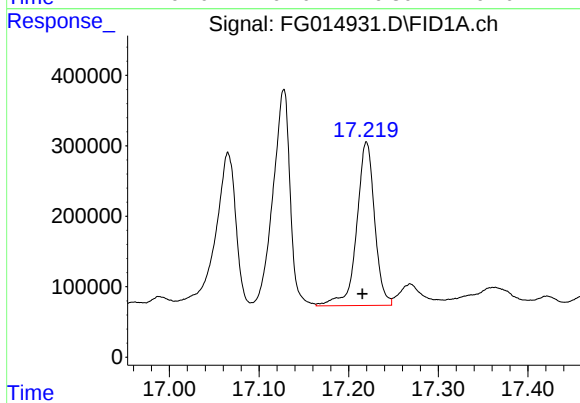
#10 N-TETRACOSANE

R.T.: 15.226 min
Delta R.T.: -0.017 min
Response: 6593722
Conc: 52.07 ug/ml m



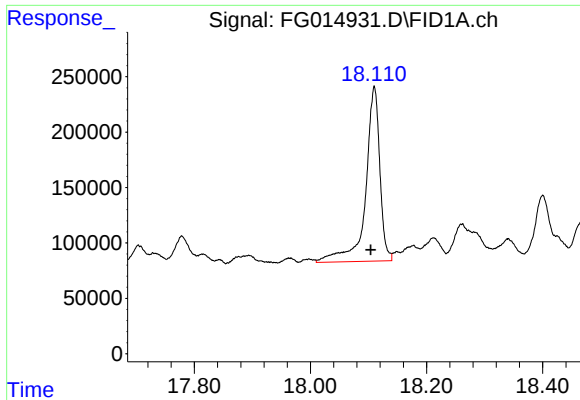
#11 N-HEXACOSANE

R.T.: 16.269 min
Delta R.T.: 0.004 min
Response: 2315382
Conc: 18.82 ug/ml



#12 N-OCTACOSANE

R.T.: 17.220 min
Delta R.T.: 0.005 min
Response: 3222661
Conc: 26.64 ug/ml



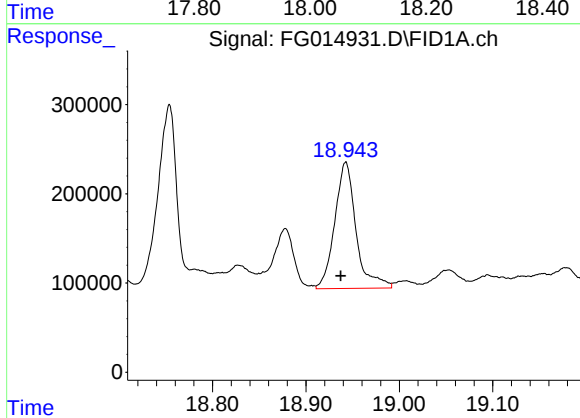
#13 N-TRIACONTANE

R.T.: 18.110 min
Delta R.T.: 0.006 min
Response: 2693206
Conc: 22.46 ug/ml

Instrument :
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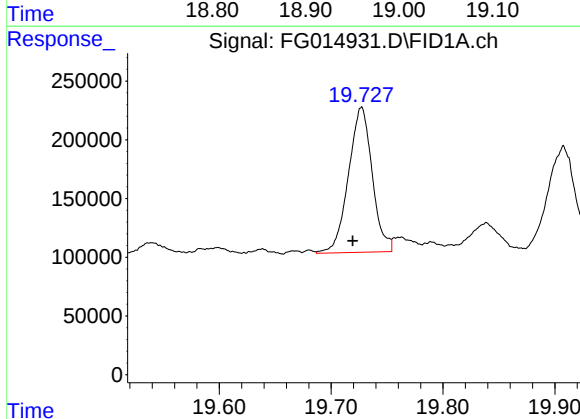
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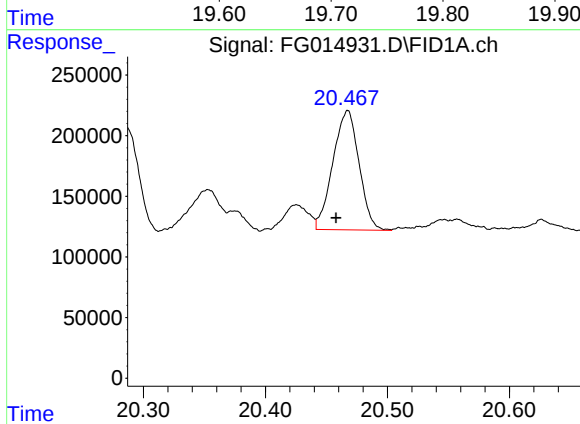
#14 N-DOTRIACONTANE

R.T.: 18.943 min
Delta R.T.: 0.005 min
Response: 2242968
Conc: 19.28 ug/ml



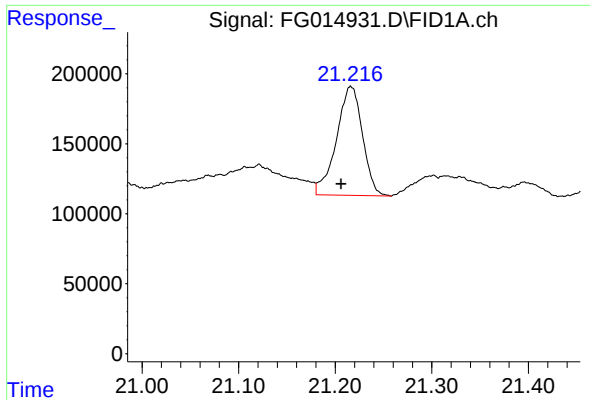
#15 N-TETRATRIACONTANE

R.T.: 19.727 min
Delta R.T.: 0.008 min
Response: 1827654
Conc: 18.12 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.468 min
Delta R.T.: 0.010 min
Response: 1468381
Conc: 18.11 ug/ml



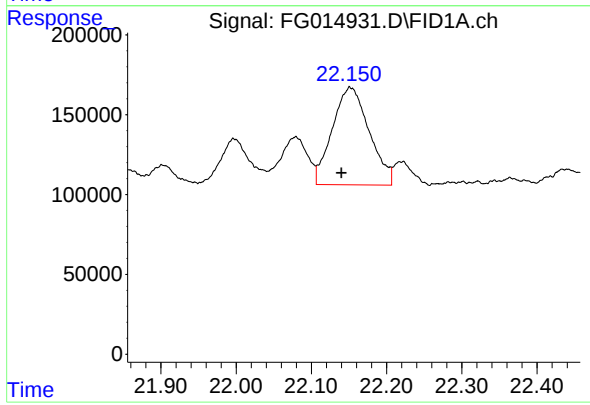
#17 N-OCTATRIACONTANE

R.T.: 21.216 min
Delta R.T.: 0.010 min
Response: 1457993
Conc: 21.11 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.151 min
Delta R.T.: 0.011 min
Response: 2086192
Conc: 33.82 ug/ml