

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050824\
 Data File : FG013750.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2024 20:30
 Operator : YP\AJ
 Sample : P2404-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 TOP-SOIL-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/09/2024
 Supervised By :Ankita Jodhani 05/09/2024

Integration File: autoint1.e
 Quant Time: May 09 03:16:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG041124.M
 Quant Title :
 QLast Update : Thu Apr 11 13:37:53 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...	15.071	1434357	12.334 ug/ml
Target Compounds			
1) N-OCTANE	2.058	1156763	9.446 ug/ml
2) N-DECANE	4.583	1919153	15.321 ug/ml
3) N-DODECANE	6.755	2217926	17.457 ug/ml
4) N-TETRADECANE	8.588	2376618	18.506 ug/ml
5) N-HEXADECANE	10.202	2434831	18.810 ug/ml
6) N-OCTADECANE	11.650	2485677	18.763 ug/ml
7) N-EICOSANE	12.965	2489026	18.474 ug/ml
8) N-DOCOSANE	14.169	2432820	18.559 ug/ml
10) N-TETRACOSANE	15.276	2624113	19.990 ug/ml
11) N-HEXACOSANE	16.302	2394772	18.327 ug/mlm
12) N-OCTACOSANE	17.255	2430248	18.853 ug/ml
13) N-TRIACONTANE	18.145	2458069	18.941 ug/mlm
14) N-DOTRIACONTANE	18.982	2512109	19.607 ug/ml
15) N-TETRATRIACONTANE	19.768	2710866	22.645 ug/ml
16) N-HEXATRIACONTANE	20.509	2785525	25.402 ug/ml
17) N-OCTATRIACONTANE	21.266	2870087	28.364 ug/ml
18) N-TETRACONTANE	22.216	2939620	30.469 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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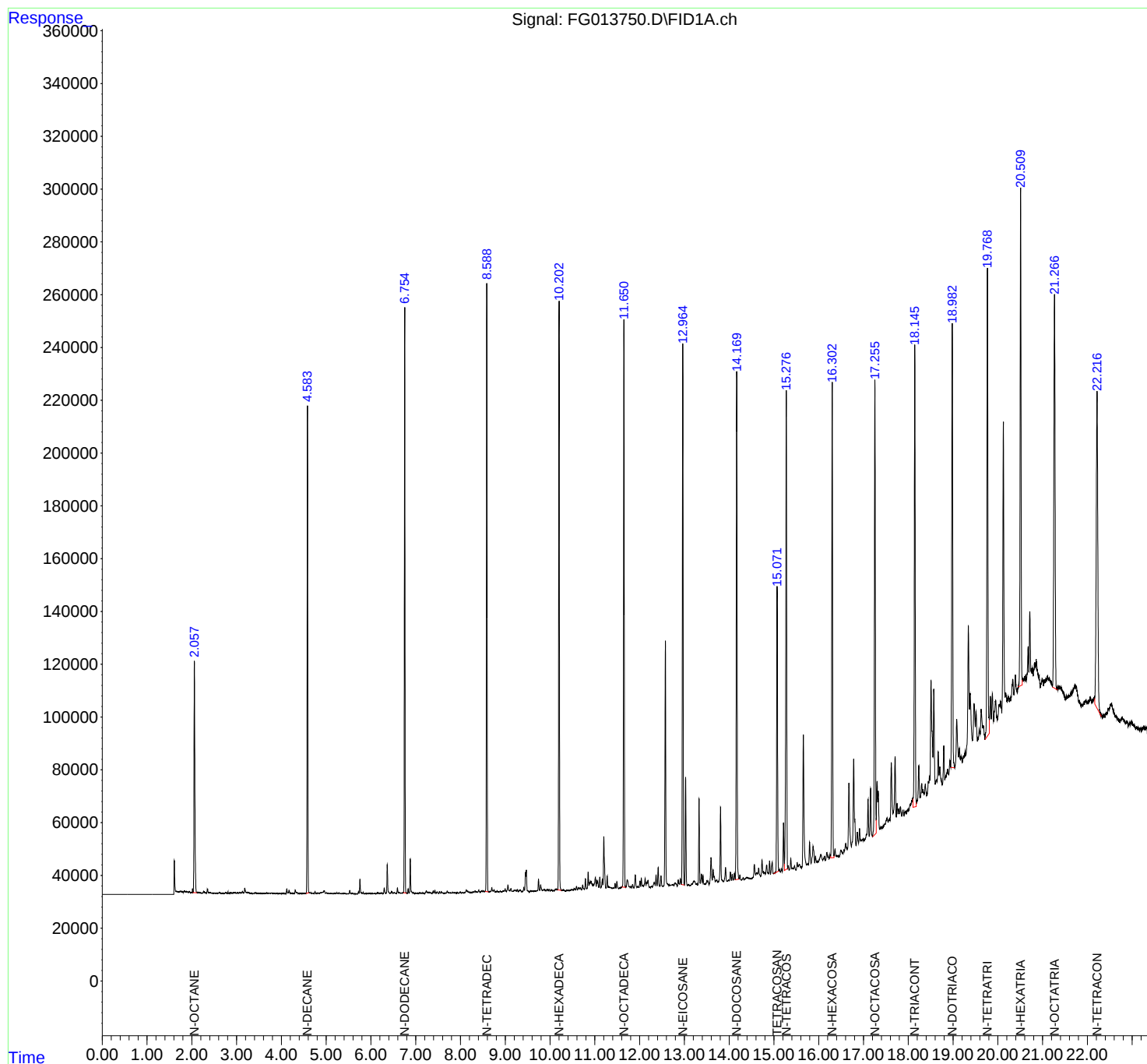
Instrument :
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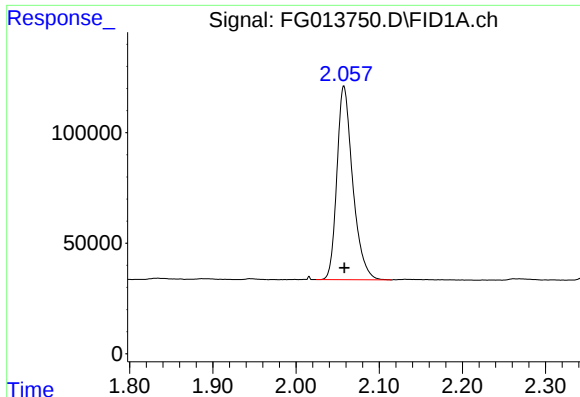
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.058 min
Delta R.T.: 0.000 min
Response: 1156763
Conc: 9.45 ug/ml

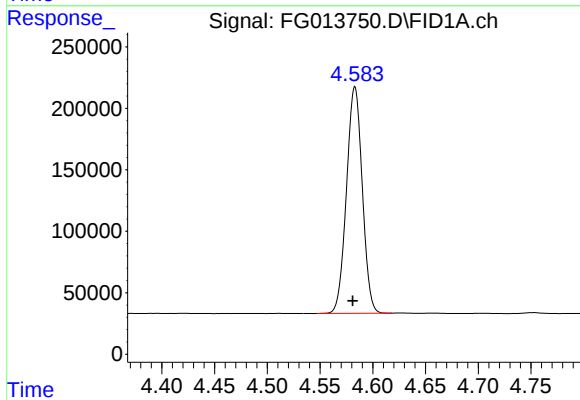
Instrument :

FID_G

ClientSampleId :
TOP-SOIL-1MS

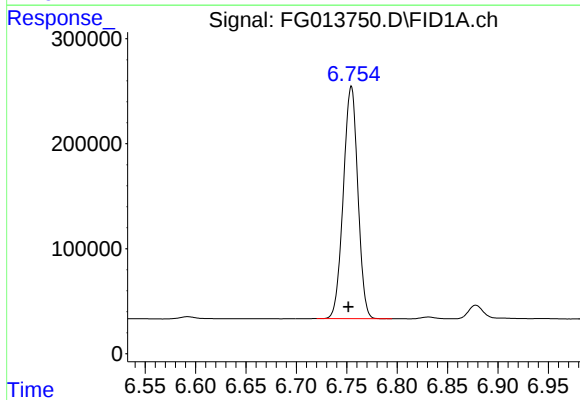
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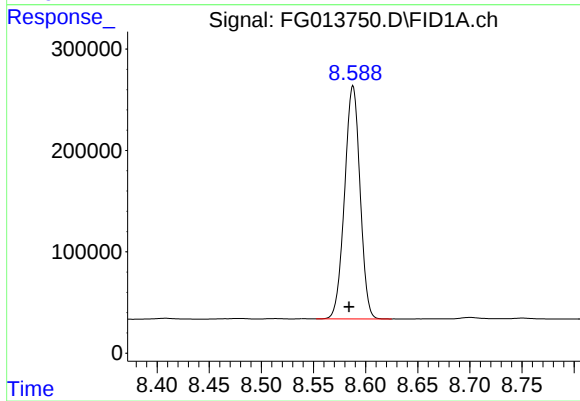
#2 N-DECANE

R.T.: 4.583 min
Delta R.T.: 0.002 min
Response: 1919153
Conc: 15.32 ug/ml



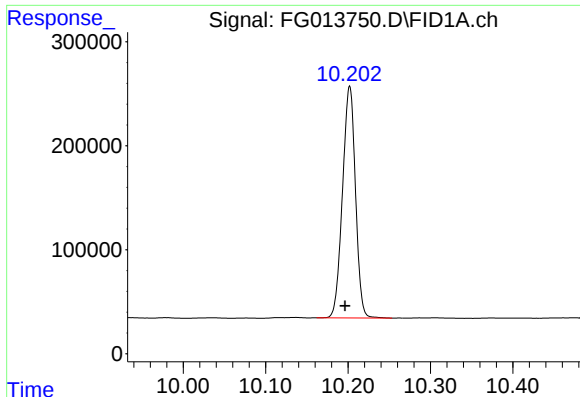
#3 N-DODECANE

R.T.: 6.755 min
Delta R.T.: 0.003 min
Response: 2217926
Conc: 17.46 ug/ml



#4 N-TETRADECANE

R.T.: 8.588 min
Delta R.T.: 0.004 min
Response: 2376618
Conc: 18.51 ug/ml



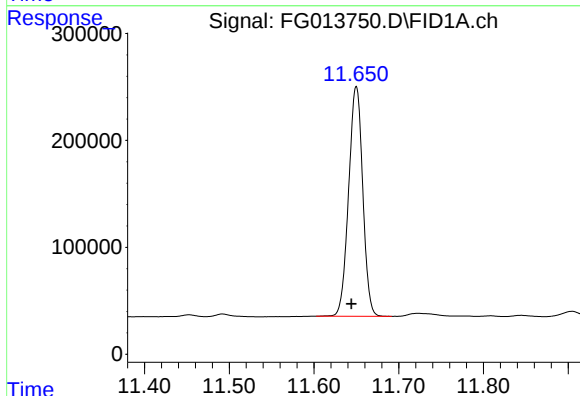
#5 N-HEXADECANE

R.T.: 10.202 min
Delta R.T.: 0.005 min
Response: 2434831
Conc: 18.81 ug/ml

Instrument :
FID_G
ClientSampleId :
TOP-SOIL-1MS

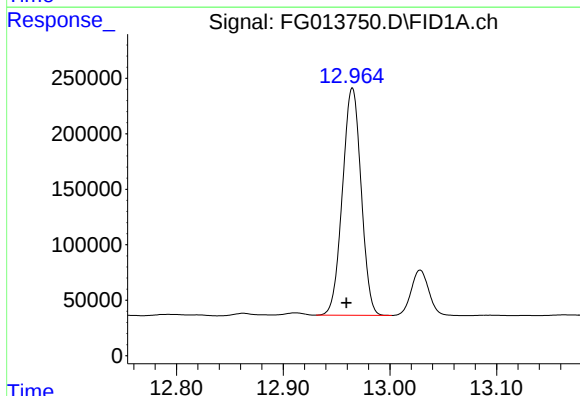
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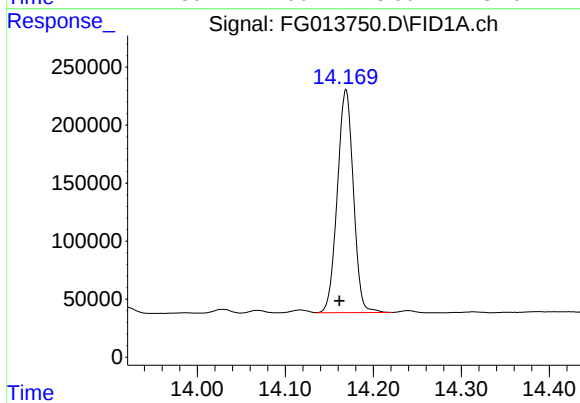
#6 N-OCTADECANE

R.T.: 11.650 min
Delta R.T.: 0.006 min
Response: 2485677
Conc: 18.76 ug/ml



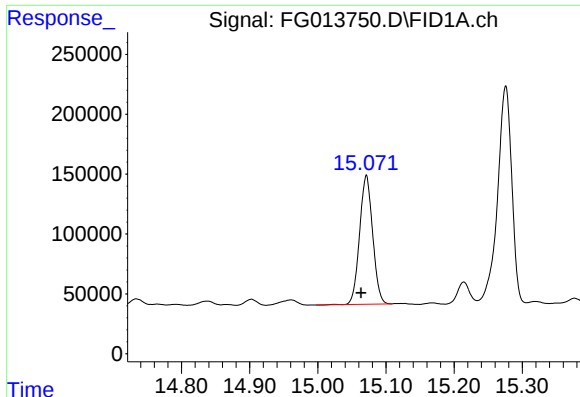
#7 N-EICOSANE

R.T.: 12.965 min
Delta R.T.: 0.006 min
Response: 2489026
Conc: 18.47 ug/ml



#8 N-DOCOSANE

R.T.: 14.169 min
Delta R.T.: 0.008 min
Response: 2432820
Conc: 18.56 ug/ml



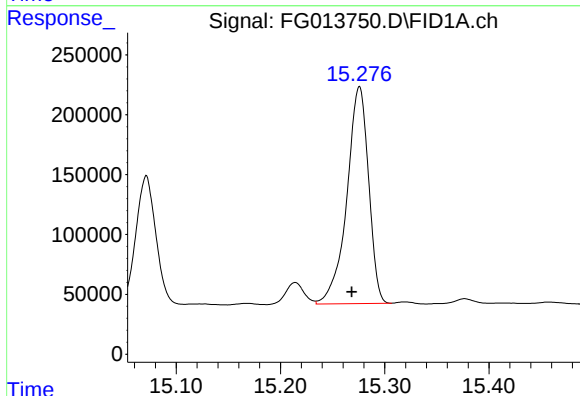
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.071 min
Delta R.T.: 0.008 min
Response: 1434357
Conc: 12.33 ug/ml

Instrument :
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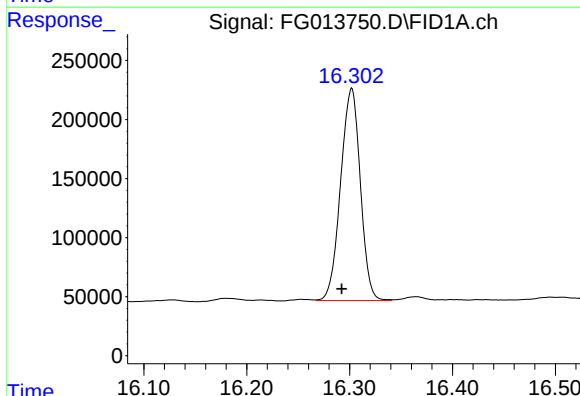
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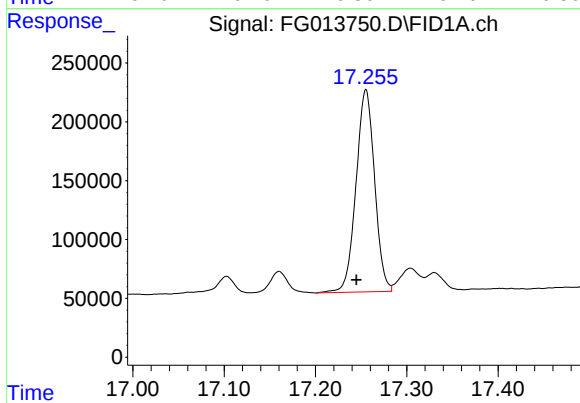
#10 N-TETRACOSANE

R.T.: 15.276 min
Delta R.T.: 0.007 min
Response: 2624113
Conc: 19.99 ug/ml



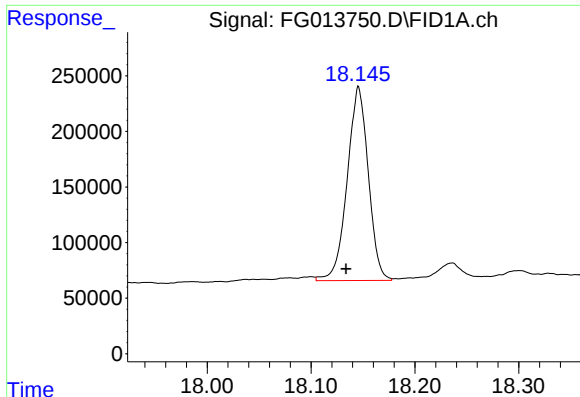
#11 N-HEXACOSANE

R.T.: 16.302 min
Delta R.T.: 0.009 min
Response: 2394772
Conc: 18.33 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.255 min
Delta R.T.: 0.011 min
Response: 2430248
Conc: 18.85 ug/ml



#13 N-TRIACONTANE

R.T.: 18.145 min
Delta R.T.: 0.012 min
Response: 2458069
Conc: 18.94 ug/ml

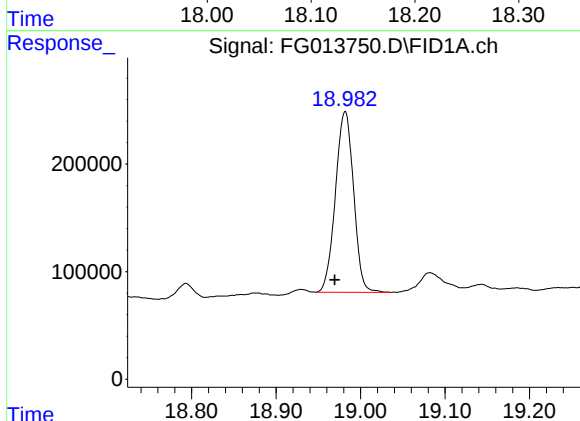
Instrument :

FID_G

ClientSampleId :
TOP-SOIL-1MS

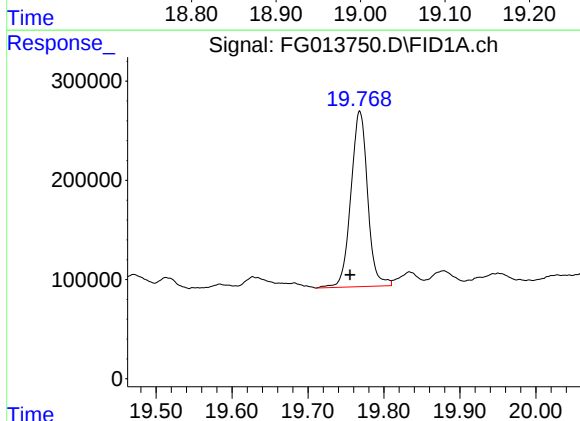
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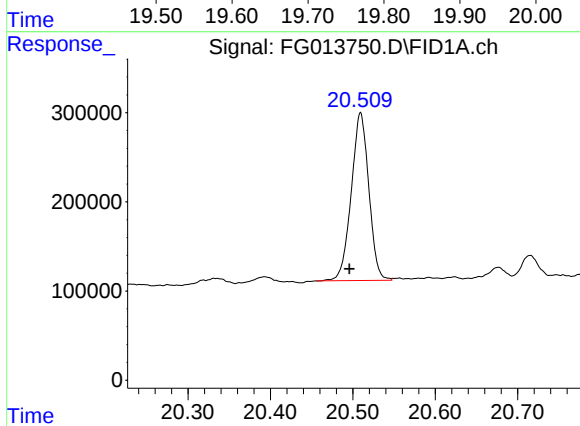
#14 N-DOTRIACONTANE

R.T.: 18.982 min
Delta R.T.: 0.012 min
Response: 2512109
Conc: 19.61 ug/ml



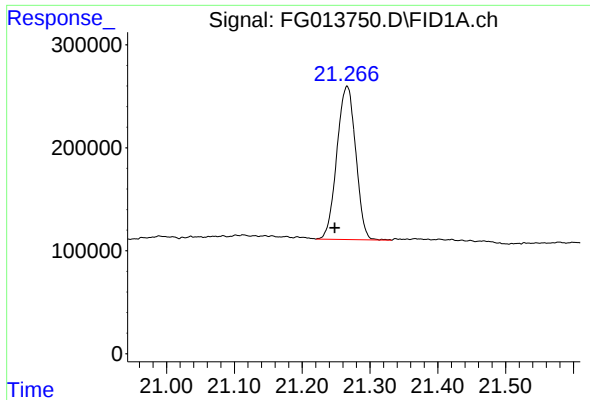
#15 N-TETRATRIACONTANE

R.T.: 19.768 min
Delta R.T.: 0.013 min
Response: 2710866
Conc: 22.65 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.509 min
Delta R.T.: 0.013 min
Response: 2785525
Conc: 25.40 ug/ml



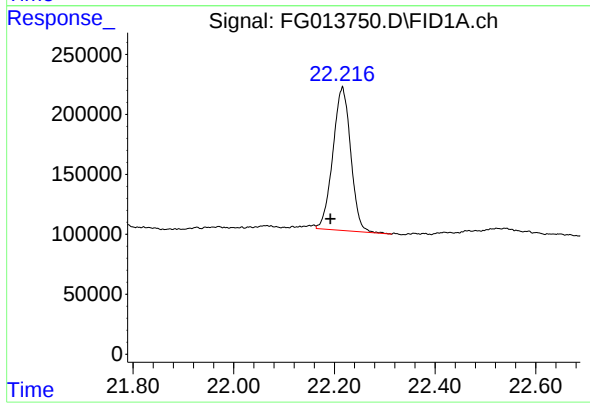
#17 N-OCTATRIACONTANE

R.T.: 21.266 min
Delta R.T.: 0.018 min
Response: 2870087
Conc: 28.36 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.216 min
Delta R.T.: 0.024 min
Response: 2939620
Conc: 30.47 ug/ml