

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050824\
 Data File : FG013742.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2024 16:01
 Operator : YP\AJ
 Sample : P2403-05
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-05-QT2-2024

Integration File: autoint1.e
 Quant Time: May 09 03:15:08 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	2055828	17.678 ug/ml
Target Compounds			
1) N-OCTANE	2.057	529276	4.322 ug/ml
2) N-DECANE	4.582	603498	4.818 ug/ml
3) N-DODECANE	6.754	620869	4.887 ug/ml
4) N-TETRADECANE	8.588	640155	4.985 ug/ml
5) N-HEXADECANE	10.201	646181	4.992 ug/ml
6) N-OCTADECANE	11.649	658582	4.971 ug/ml
7) N-EICOSANE	12.965	663681	4.926 ug/ml
8) N-DOCOSANE	14.168	638272	4.869 ug/ml
10) N-TETRACOSANE	15.275	632507	4.818 ug/ml
11) N-HEXACOSANE	16.300	619151	4.738 ug/ml
12) N-OCTACOSANE	17.254	606445	4.705 ug/ml
13) N-TRIACONTANE	18.143	621486	4.789 ug/ml
14) N-DOTRIACONTANE	18.978	655643	5.117 ug/ml
15) N-TETRATRIACONTANE	19.763	701142	5.857 ug/ml
16) N-HEXATRIACONTANE	20.506	775302	7.070 ug/ml
17) N-OCTATRIACONTANE	21.262	778788	7.697 ug/ml
18) N-TETRACONTANE	22.210	819521	8.494 ug/ml

(f)=RT Delta > 1/2 Window

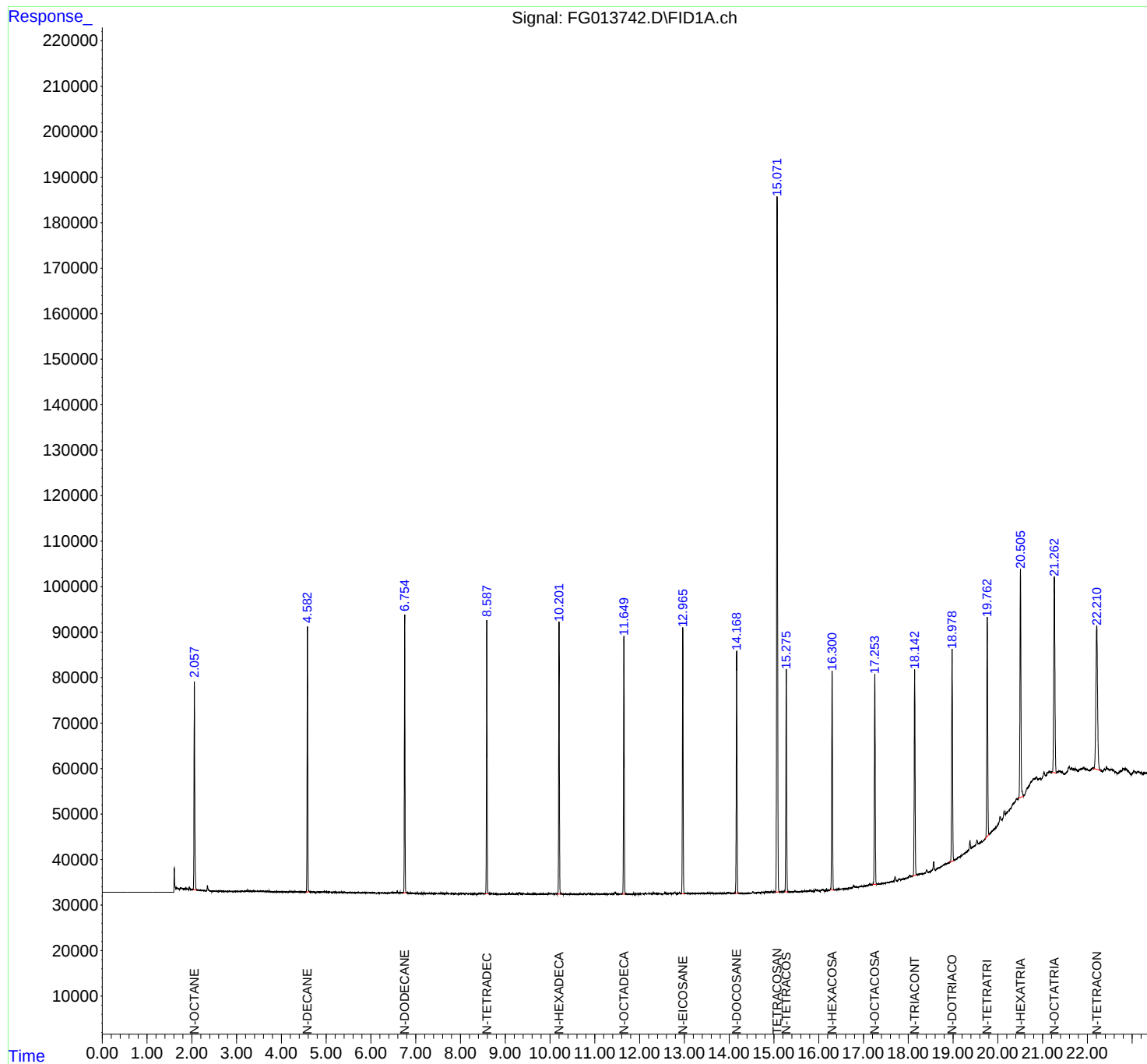
(m)=manual int.

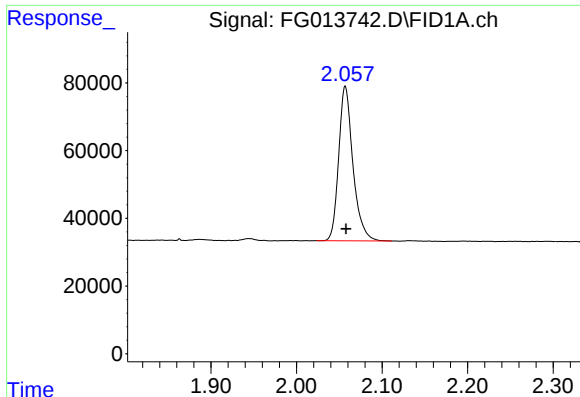
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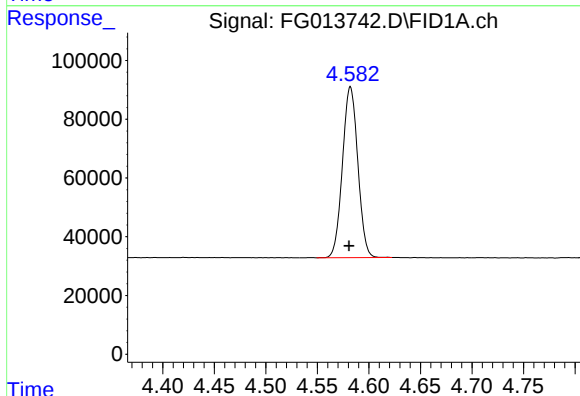




#1 N-OCTANE

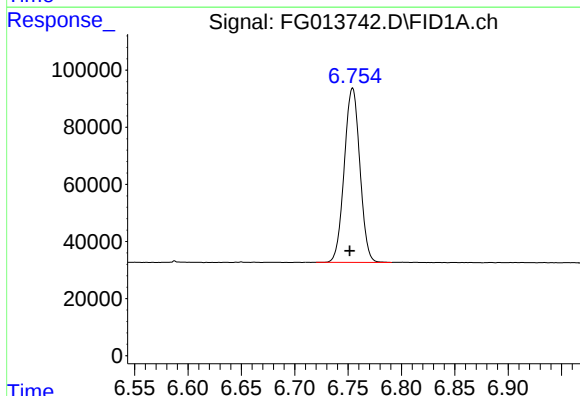
R.T.: 2.057 min
Delta R.T.: 0.000 min
Response: 529276
Conc: 4.32 ug/ml

Instrument :
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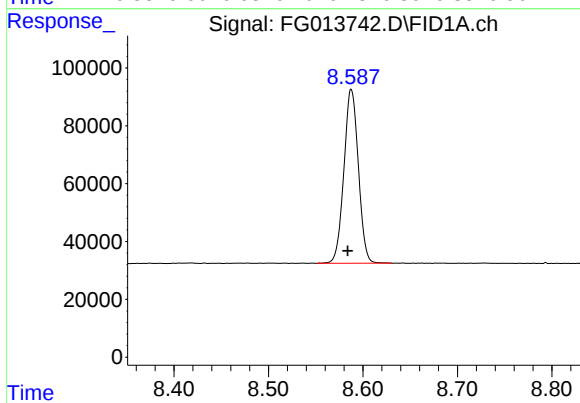
#2 N-DECANE

R.T.: 4.582 min
Delta R.T.: 0.001 min
Response: 603498
Conc: 4.82 ug/ml



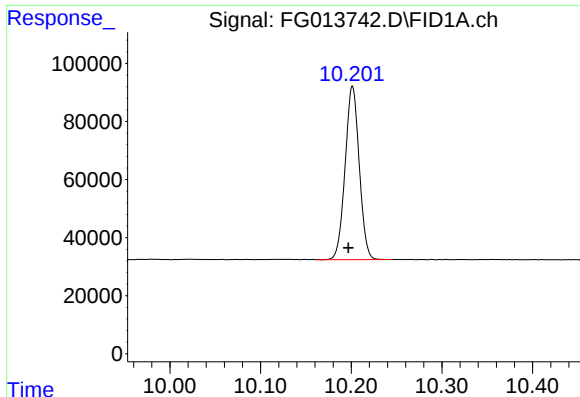
#3 N-DODECANE

R.T.: 6.754 min
Delta R.T.: 0.003 min
Response: 620869
Conc: 4.89 ug/ml



#4 N-TETRADECANE

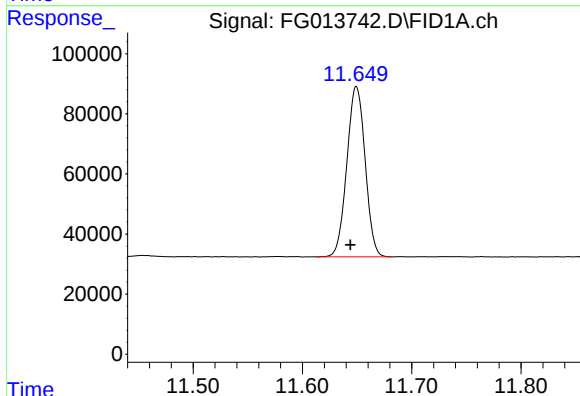
R.T.: 8.588 min
Delta R.T.: 0.004 min
Response: 640155
Conc: 4.98 ug/ml



#5 N-HEXADECANE

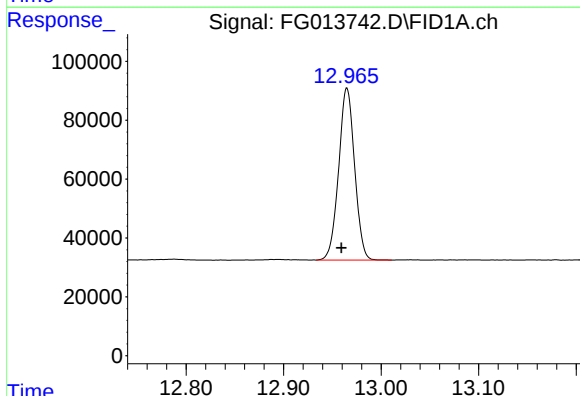
R.T.: 10.201 min
Delta R.T.: 0.005 min
Response: 646181
Conc: 4.99 ug/ml

Instrument :
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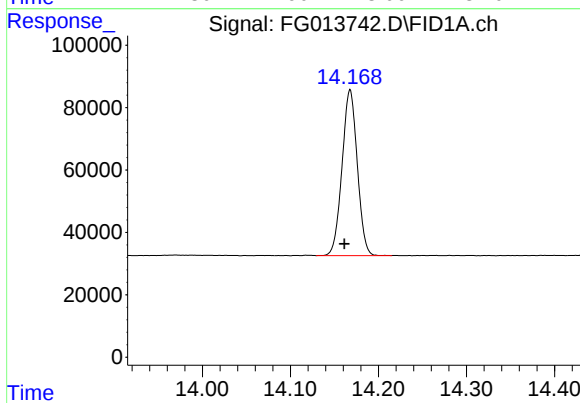
#6 N-OCTADECANE

R.T.: 11.649 min
Delta R.T.: 0.005 min
Response: 658582
Conc: 4.97 ug/ml



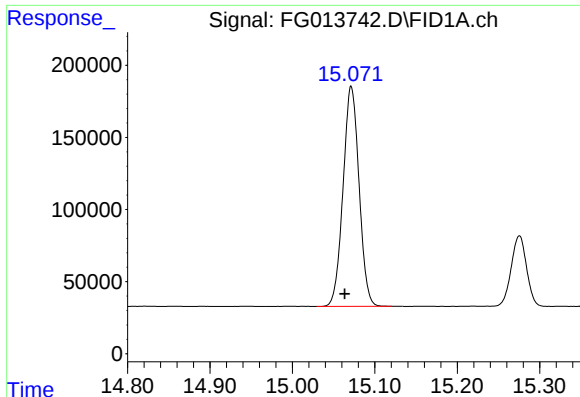
#7 N-EICOSANE

R.T.: 12.965 min
Delta R.T.: 0.006 min
Response: 663681
Conc: 4.93 ug/ml



#8 N-DOCOSANE

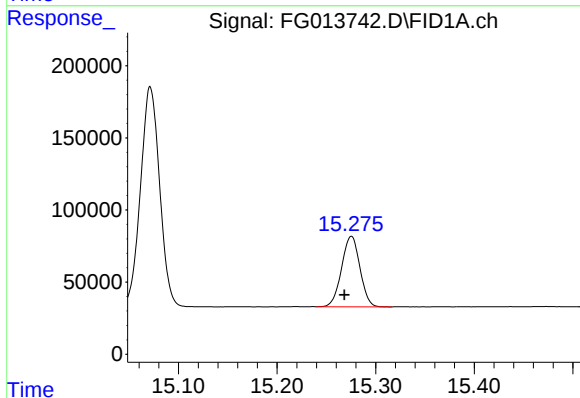
R.T.: 14.168 min
Delta R.T.: 0.006 min
Response: 638272
Conc: 4.87 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

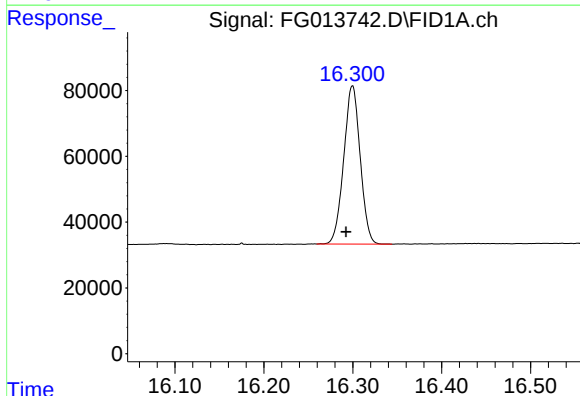
R.T.: 15.071 min
Delta R.T.: 0.008 min
Response: 2055828
Conc: 17.68 ug/ml

Instrument :
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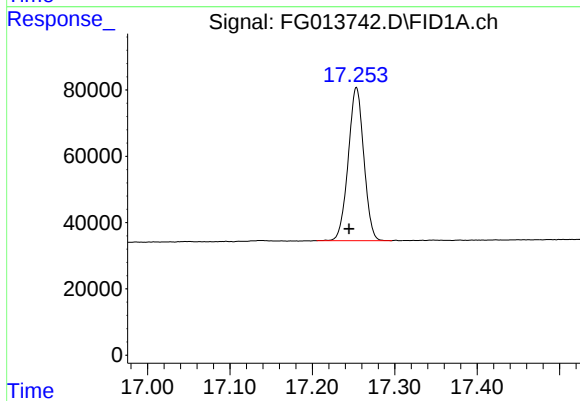
#10 N-TETRACOSANE

R.T.: 15.275 min
Delta R.T.: 0.007 min
Response: 632507
Conc: 4.82 ug/ml



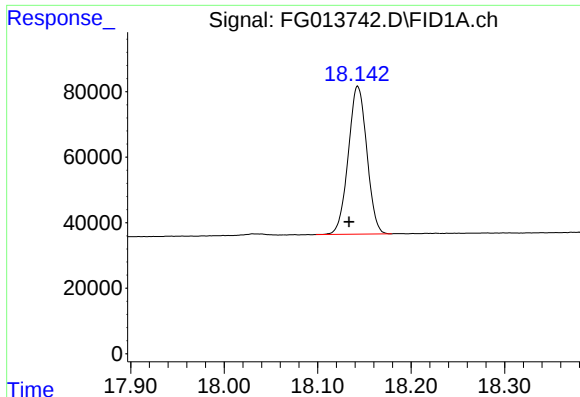
#11 N-HEXACOSANE

R.T.: 16.300 min
Delta R.T.: 0.007 min
Response: 619151
Conc: 4.74 ug/ml



#12 N-OCTACOSANE

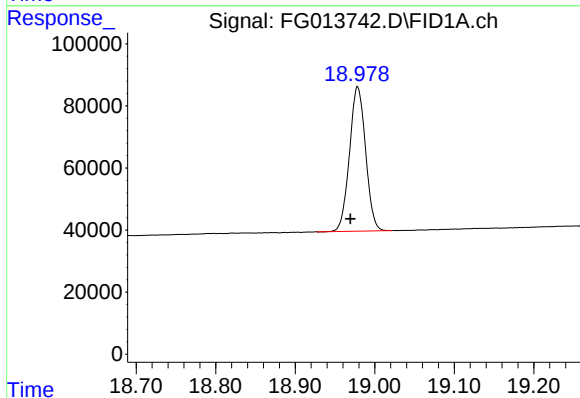
R.T.: 17.254 min
Delta R.T.: 0.009 min
Response: 606445
Conc: 4.70 ug/ml



#13 N-TRIACONTANE

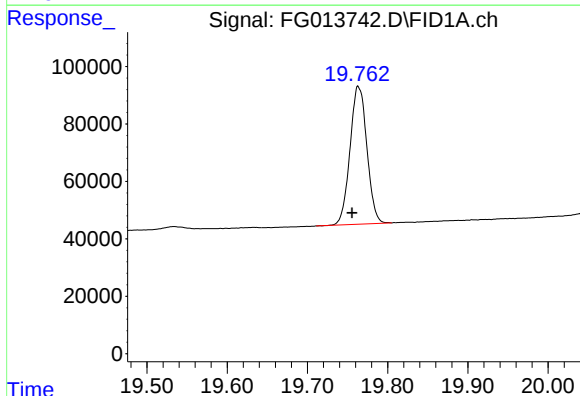
R.T.: 18.143 min
Delta R.T.: 0.009 min
Response: 621486
Conc: 4.79 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT2-2024



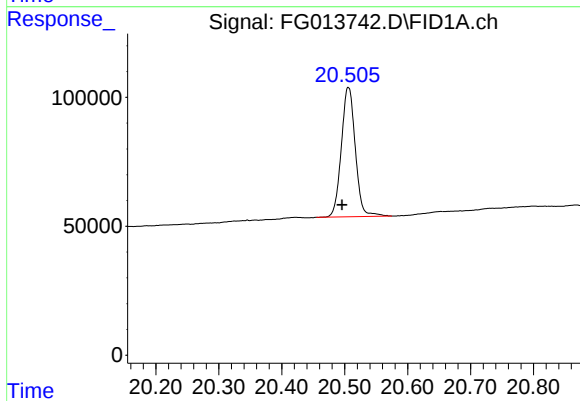
#14 N-DOTRIACONTANE

R.T.: 18.978 min
Delta R.T.: 0.009 min
Response: 655643
Conc: 5.12 ug/ml



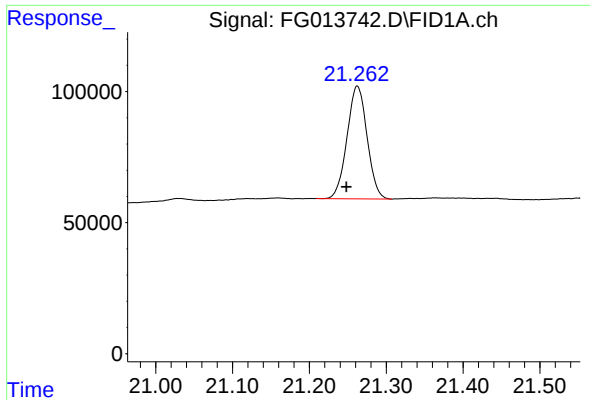
#15 N-TETRATRIACONTANE

R.T.: 19.763 min
Delta R.T.: 0.008 min
Response: 701142
Conc: 5.86 ug/ml



#16 N-HEXATRIACONTANE

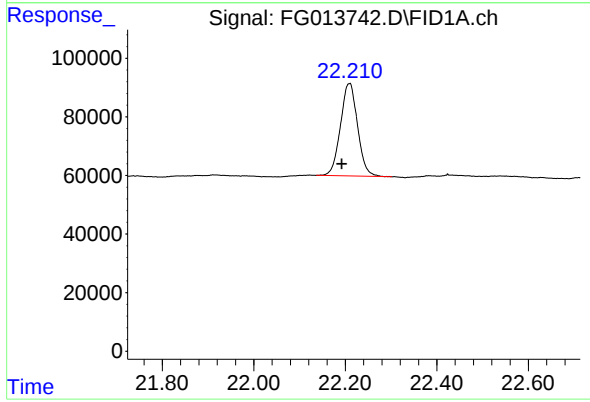
R.T.: 20.506 min
Delta R.T.: 0.010 min
Response: 775302
Conc: 7.07 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.262 min
Delta R.T.: 0.014 min
Response: 778788
Conc: 7.70 ug/ml

Instrument :
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ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 22.210 min
Delta R.T.: 0.018 min
Response: 819521
Conc: 8.49 ug/ml