

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050824\
 Data File : FG013741.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2024 15:31
 Operator : YP\AJ
 Sample : P2403-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-04-QT2-2024

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 03:14:55 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...	15.072	1980687	17.032 ug/ml
Target Compounds			
1) N-OCTANE	2.058	267149	2.182 ug/ml
2) N-DECANE	4.583	298582	2.384 ug/ml
3) N-DODECANE	6.754	304318	2.395 ug/ml
4) N-TETRADECANE	8.588	312564	2.434 ug/ml
5) N-HEXADECANE	10.201	316229	2.443 ug/ml
6) N-OCTADECANE	11.650	322560	2.435 ug/ml
7) N-EICOSANE	12.965	326120	2.421 ug/ml
8) N-DOCOSANE	14.168	316684	2.416 ug/ml
10) N-TETRACOSANE	15.275	315165	2.401 ug/ml
11) N-HEXACOSANE	16.300	306546	2.346 ug/ml
12) N-OCTACOSANE	17.253	300211	2.329 ug/ml
13) N-TRIACONTANE	18.144	304763	2.348 ug/ml
14) N-DOTRIACONTANE	18.978	314338	2.453 ug/ml
15) N-TETRATRIACONTANE	19.764	342232	2.859 ug/ml
16) N-HEXATRIACONTANE	20.507	362046	3.302 ug/ml
17) N-OCTATRIACONTANE	21.264	386675	3.821 ug/ml
18) N-TETRACONTANE	22.211	426556	4.421 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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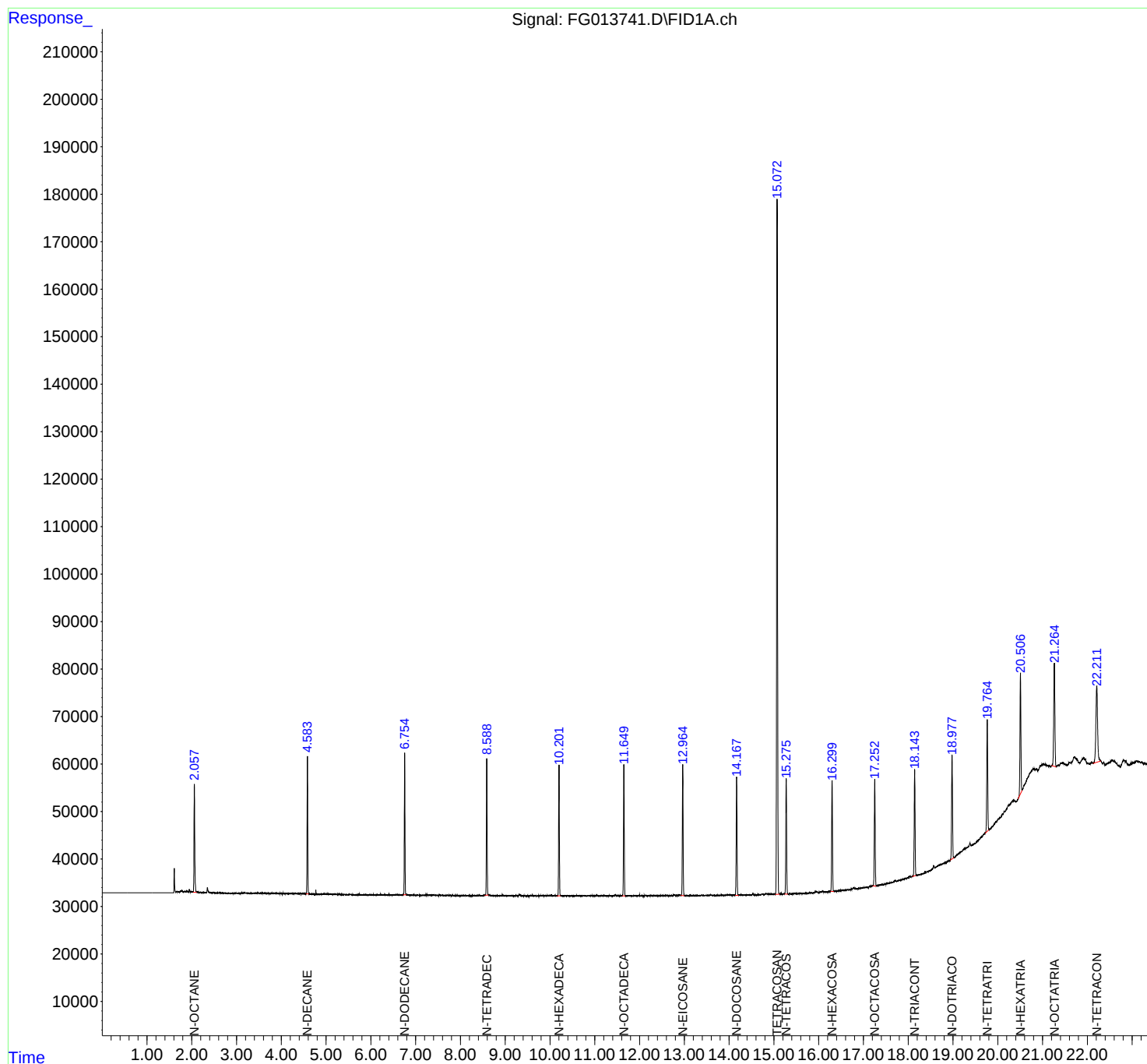
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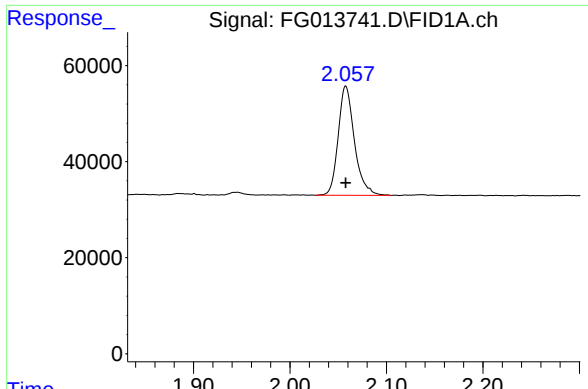
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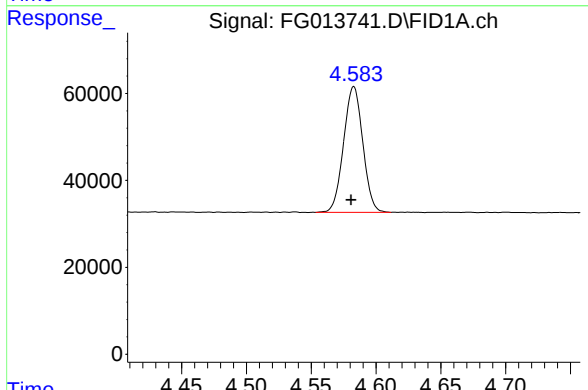
#1 N-OCTANE

R.T.: 2.058 min
Delta R.T.: 0.000 min
Response: 267149
Conc: 2.18 ug/ml

Instrument :
FID_G
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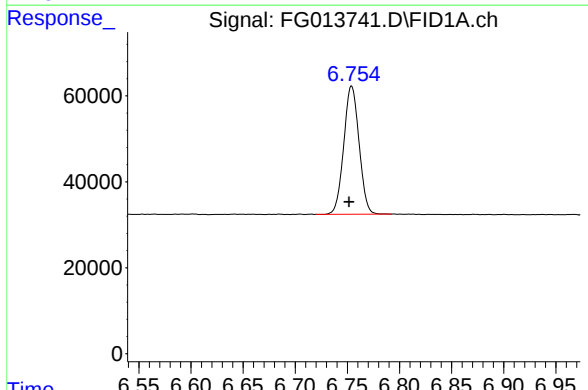
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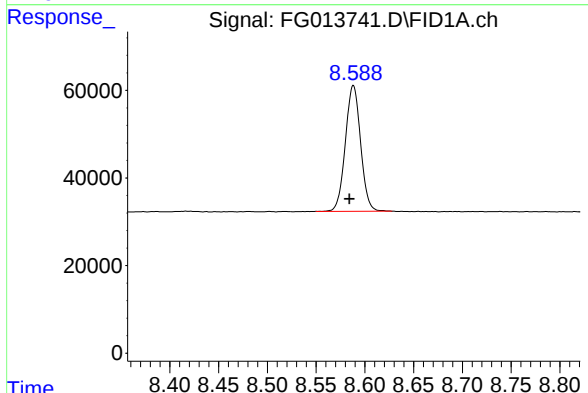
#2 N-DECANE

R.T.: 4.583 min
Delta R.T.: 0.002 min
Response: 298582
Conc: 2.38 ug/ml



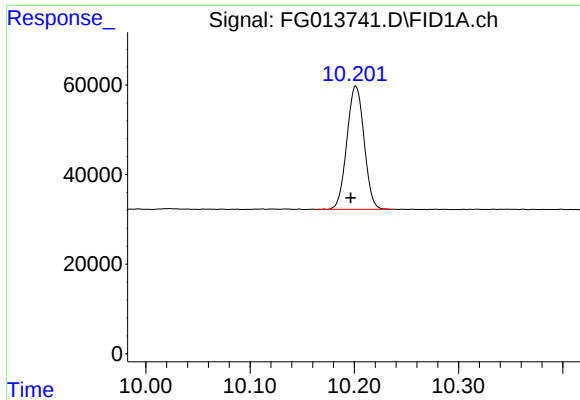
#3 N-DODECANE

R.T.: 6.754 min
Delta R.T.: 0.003 min
Response: 304318
Conc: 2.40 ug/ml



#4 N-TETRADECANE

R.T.: 8.588 min
Delta R.T.: 0.004 min
Response: 312564
Conc: 2.43 ug/ml



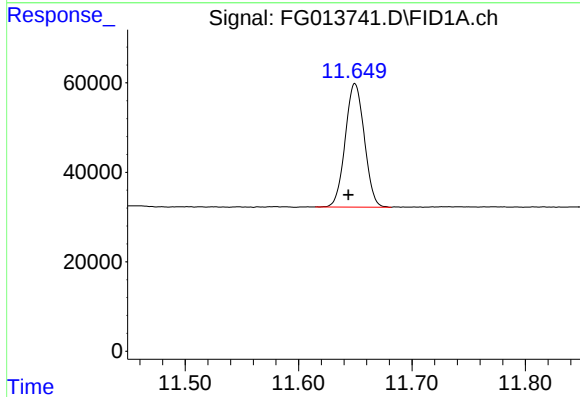
#5 N-HEXADECANE

R.T.: 10.201 min
Delta R.T.: 0.005 min
Response: 316229
Conc: 2.44 ug/ml

Instrument :
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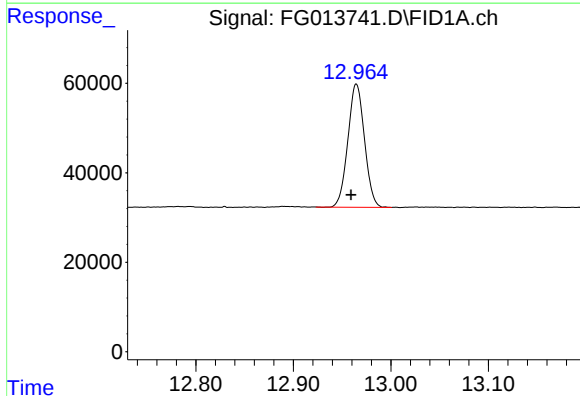
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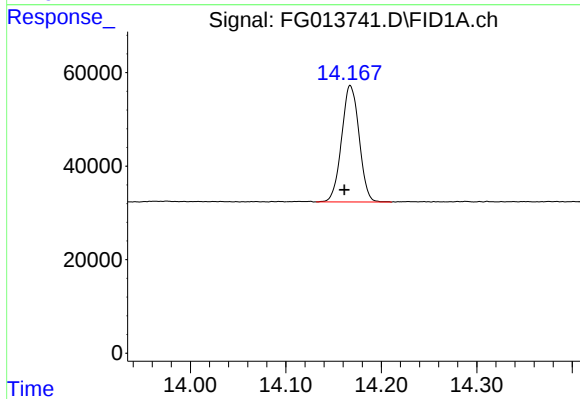
#6 N-OCTADECANE

R.T.: 11.650 min
Delta R.T.: 0.006 min
Response: 322560
Conc: 2.43 ug/ml



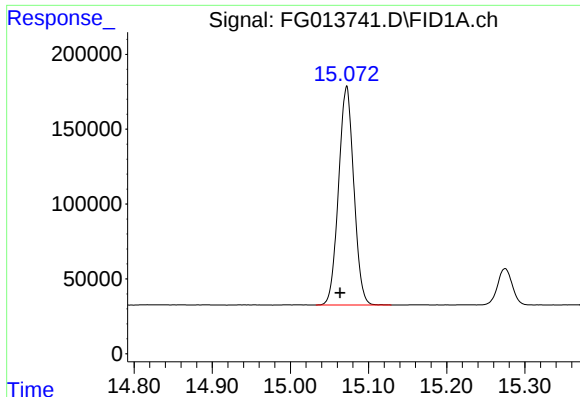
#7 N-EICOSANE

R.T.: 12.965 min
Delta R.T.: 0.005 min
Response: 326120
Conc: 2.42 ug/ml



#8 N-DOCOSANE

R.T.: 14.168 min
Delta R.T.: 0.006 min
Response: 316684
Conc: 2.42 ug/ml



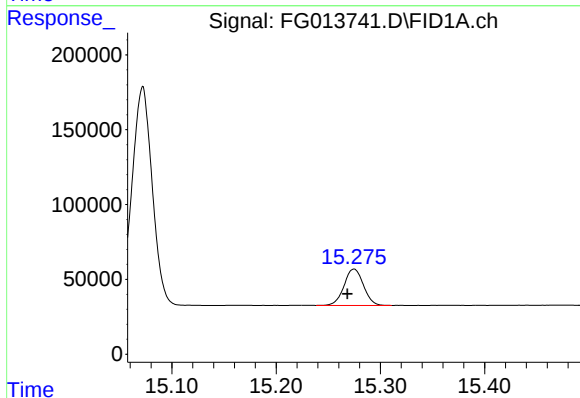
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.072 min
Delta R.T.: 0.008 min
Response: 1980687
Conc: 17.03 ug/ml

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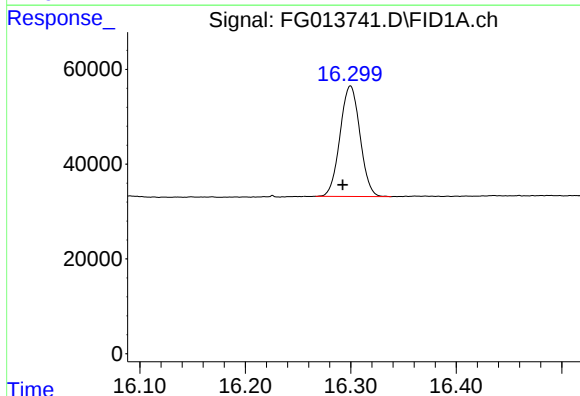
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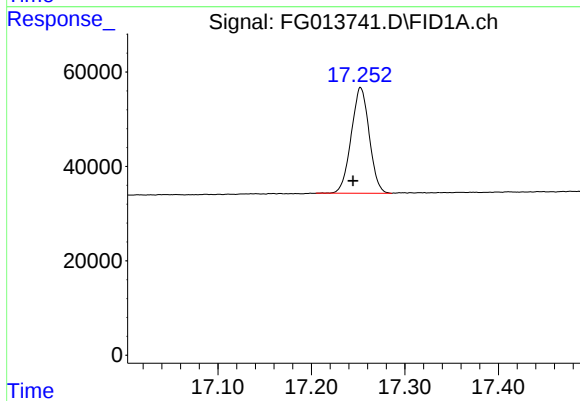
#10 N-TETRACOSANE

R.T.: 15.275 min
Delta R.T.: 0.006 min
Response: 315165
Conc: 2.40 ug/ml



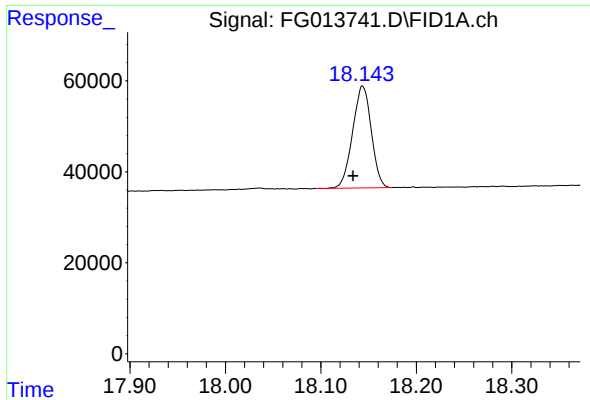
#11 N-HEXACOSANE

R.T.: 16.300 min
Delta R.T.: 0.007 min
Response: 306546
Conc: 2.35 ug/ml



#12 N-OCTACOSANE

R.T.: 17.253 min
Delta R.T.: 0.008 min
Response: 300211
Conc: 2.33 ug/ml



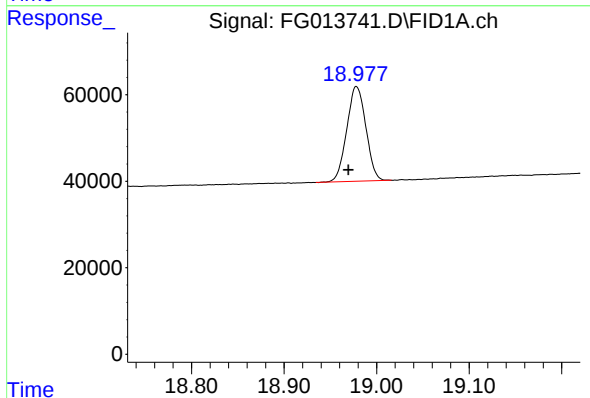
#13 N-TRIACONTANE

R.T.: 18.144 min
Delta R.T.: 0.010 min
Response: 304763
Conc: 2.35 ug/ml

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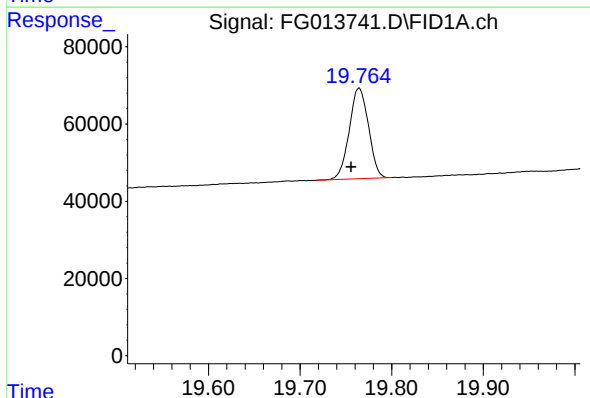
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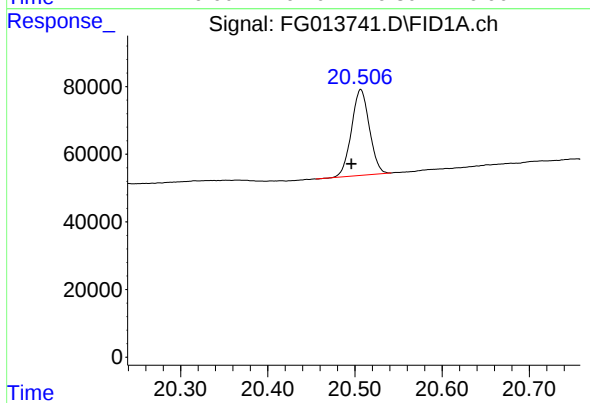
#14 N-DOTRIACONTANE

R.T.: 18.978 min
Delta R.T.: 0.009 min
Response: 314338
Conc: 2.45 ug/ml



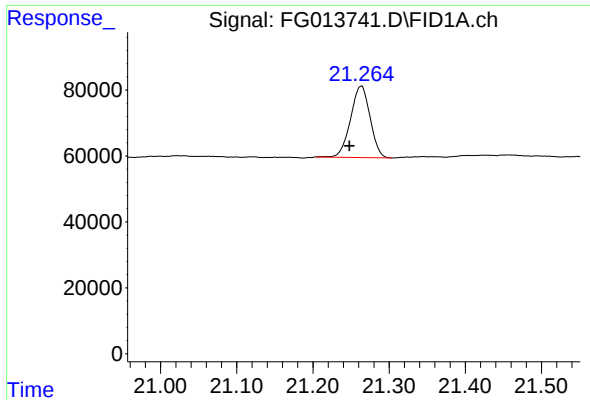
#15 N-TETRATRIACONTANE

R.T.: 19.764 min
Delta R.T.: 0.009 min
Response: 342232
Conc: 2.86 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.507 min
Delta R.T.: 0.011 min
Response: 362046
Conc: 3.30 ug/ml



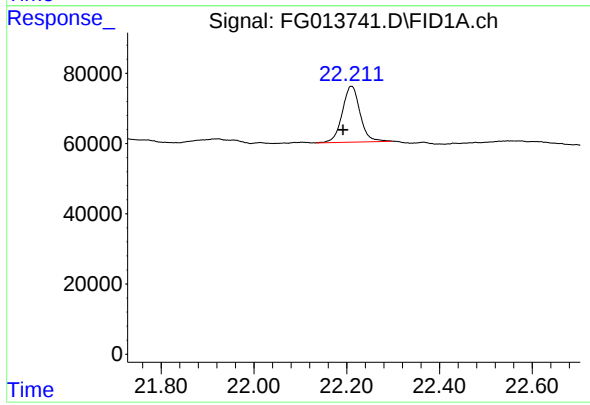
#17 N-OCTATRIACONTANE

R.T.: 21.264 min
Delta R.T.: 0.015 min
Response: 386675
Conc: 3.82 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.211 min
Delta R.T.: 0.019 min
Response: 426556
Conc: 4.42 ug/ml m