

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050824\
 Data File : FG013740.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2024 15:01
 Operator : YP\AJ
 Sample : P2403-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 13 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 03:14:41 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	2322355	19.970 ug/ml
Target Compounds			
1) N-OCTANE	2.058	135044	1.103 ug/ml
2) N-DECANE	4.582	157986	1.261 ug/ml
3) N-DODECANE	6.754	160186	1.261 ug/ml
4) N-TETRADECANE	8.588	164886	1.284 ug/ml
5) N-HEXADECANE	10.201	167843	1.297 ug/ml
6) N-OCTADECANE	11.650	172180	1.300 ug/ml
7) N-EICOSANE	12.966	175164	1.300 ug/ml
8) N-DOCOSANE	14.168	170644	1.302 ug/ml
10) N-TETRACOSANE	15.275	170277	1.297 ug/ml
11) N-HEXACOSANE	16.301	164903	1.262 ug/ml
12) N-OCTACOSANE	17.253	163506	1.268 ug/ml
13) N-TRIACONTANE	18.144	169914	1.309 ug/ml
14) N-DOTRIACONTANE	18.980	180884	1.412 ug/ml
15) N-TETRATRIACONTANE	19.766	194742	1.627 ug/ml
16) N-HEXATRIACONTANE	20.508	208452	1.901 ug/ml
17) N-OCTATRIACONTANE	21.263	265373	2.623 ug/ml
18) N-TETRACONTANE	22.211	242306	2.512 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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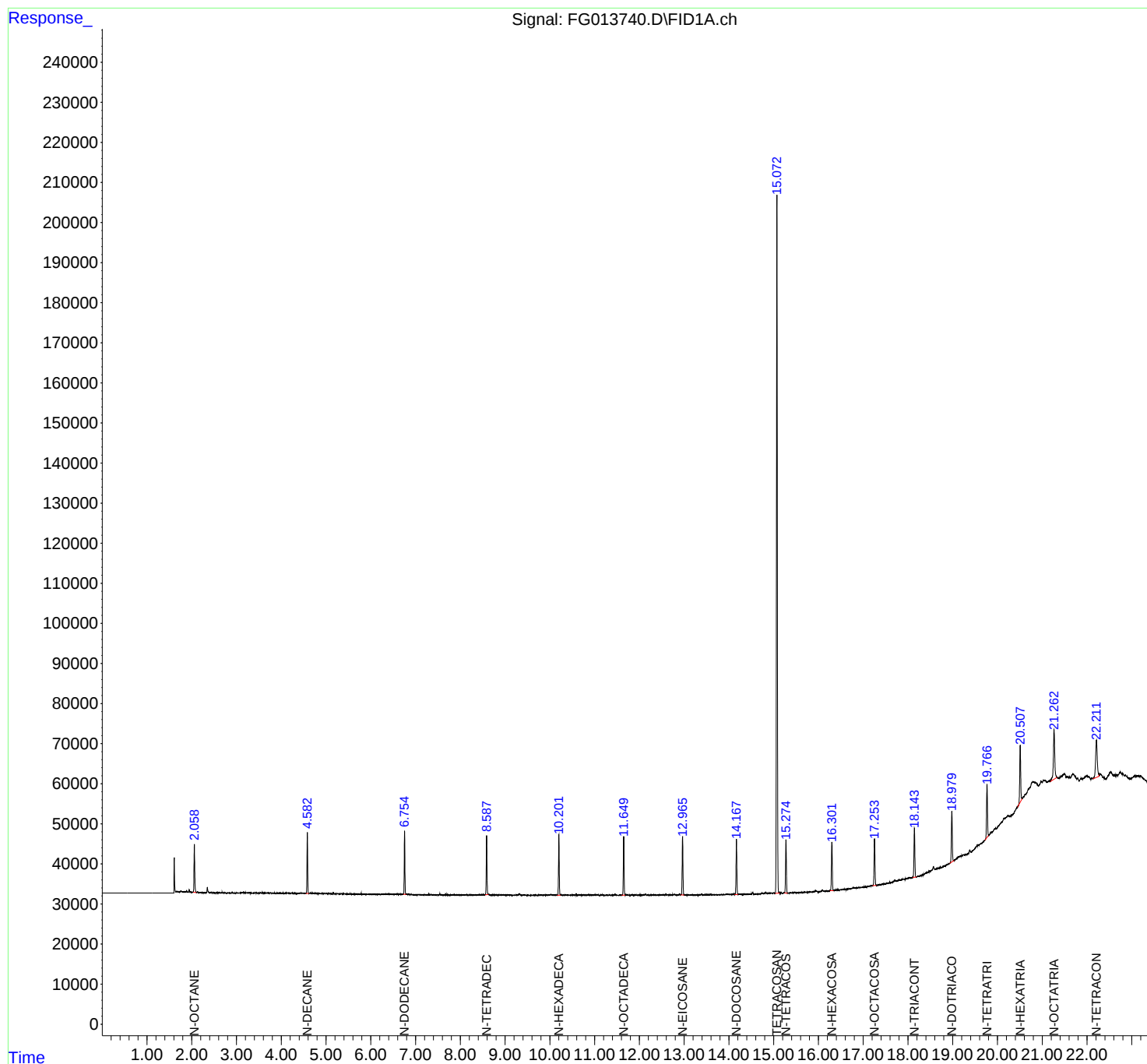
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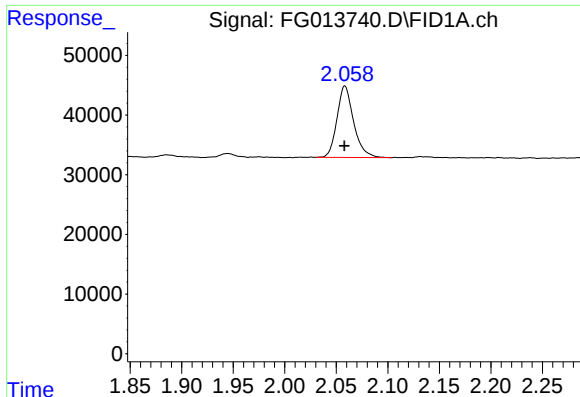
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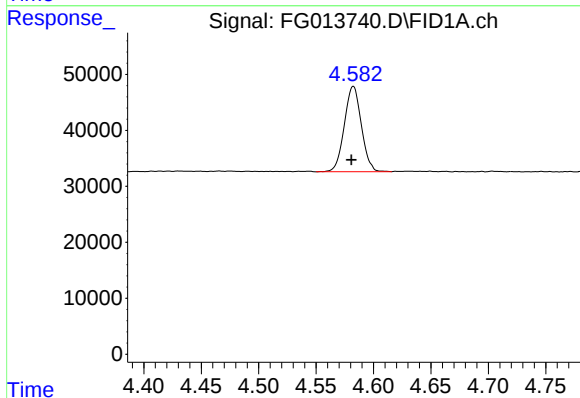
#1 N-OCTANE

R.T.: 2.058 min
Delta R.T.: 0.000 min
Response: 135044
Conc: 1.10 ug/ml

Instrument :
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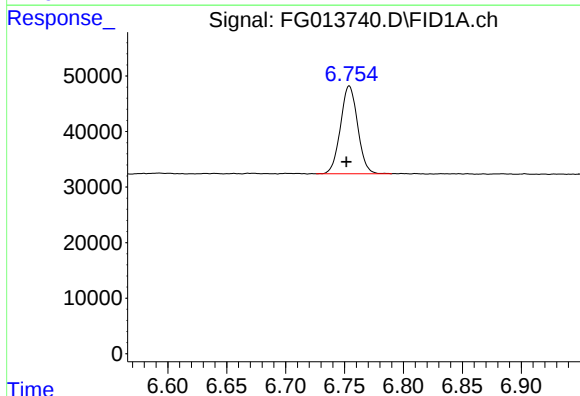
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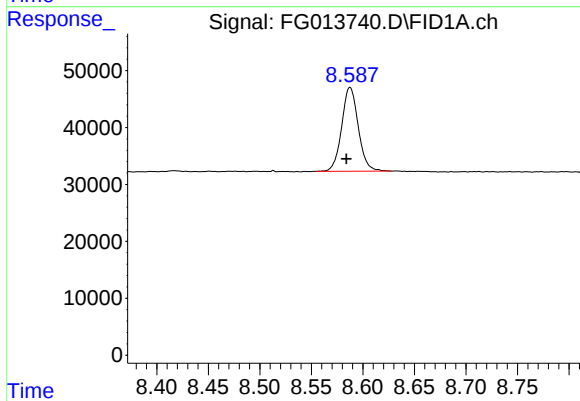
#2 N-DECANE

R.T.: 4.582 min
Delta R.T.: 0.002 min
Response: 157986
Conc: 1.26 ug/ml



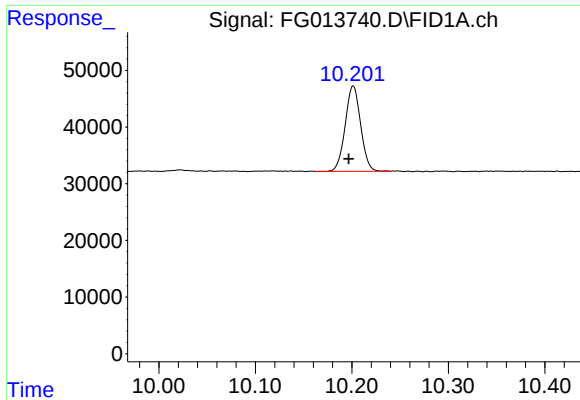
#3 N-DODECANE

R.T.: 6.754 min
Delta R.T.: 0.003 min
Response: 160186
Conc: 1.26 ug/ml



#4 N-TETRADECANE

R.T.: 8.588 min
Delta R.T.: 0.004 min
Response: 164886
Conc: 1.28 ug/ml



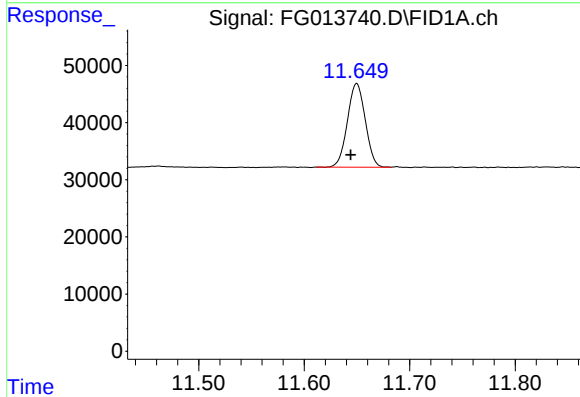
#5 N-HEXADECANE

R.T.: 10.201 min
Delta R.T.: 0.005 min
Response: 167843
Conc: 1.30 ug/ml

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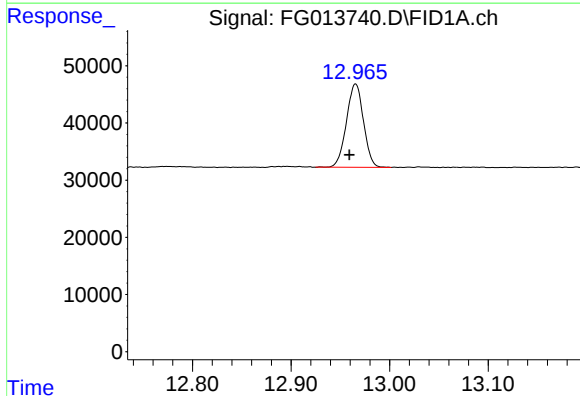
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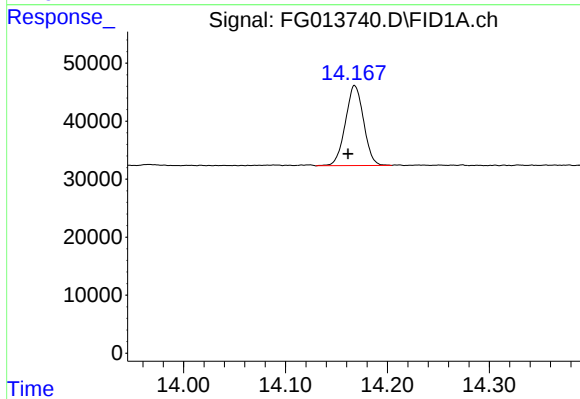
#6 N-OCTADECANE

R.T.: 11.650 min
Delta R.T.: 0.006 min
Response: 172180
Conc: 1.30 ug/ml



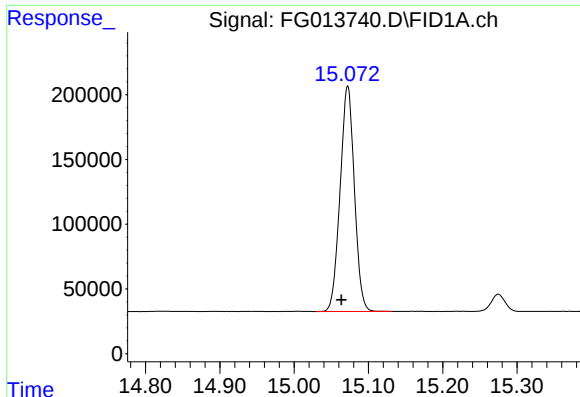
#7 N-EICOSANE

R.T.: 12.966 min
Delta R.T.: 0.006 min
Response: 175164
Conc: 1.30 ug/ml



#8 N-DOCOSANE

R.T.: 14.168 min
Delta R.T.: 0.007 min
Response: 170644
Conc: 1.30 ug/ml



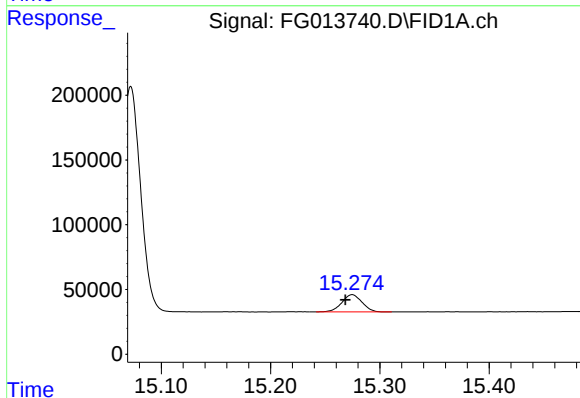
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.072 min
Delta R.T.: 0.009 min
Response: 2322355
Conc: 19.97 ug/ml

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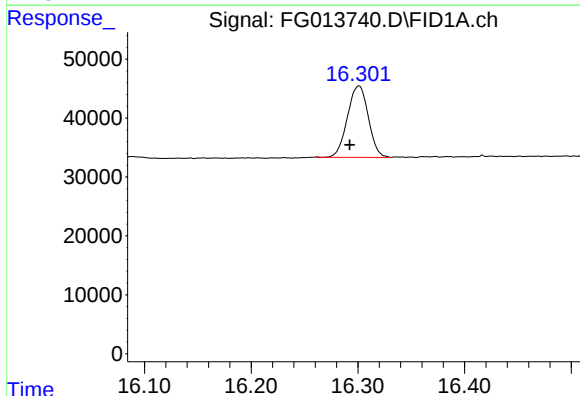
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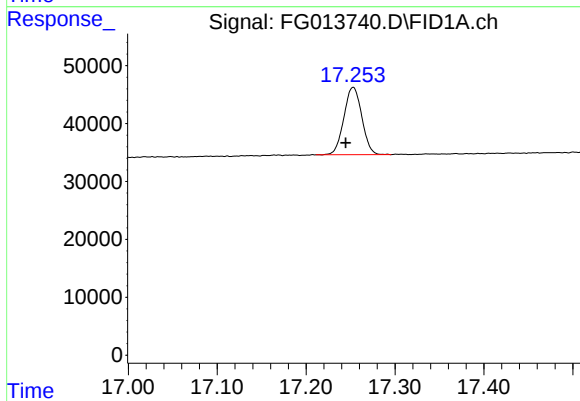
#10 N-TETRACOSANE

R.T.: 15.275 min
Delta R.T.: 0.006 min
Response: 170277
Conc: 1.30 ug/ml



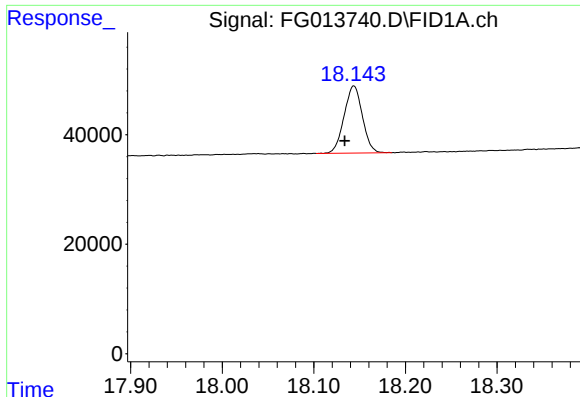
#11 N-HEXACOSANE

R.T.: 16.301 min
Delta R.T.: 0.009 min
Response: 164903
Conc: 1.26 ug/ml



#12 N-OCTACOSANE

R.T.: 17.253 min
Delta R.T.: 0.008 min
Response: 163506
Conc: 1.27 ug/ml



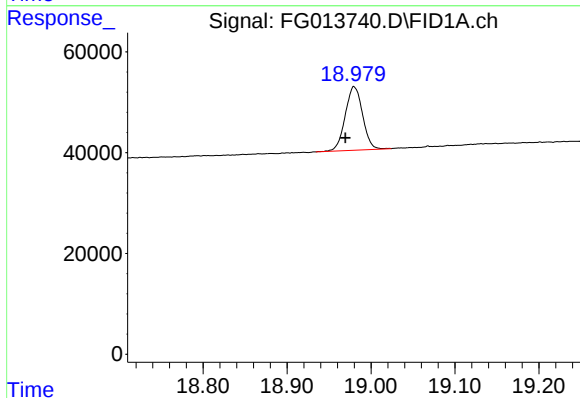
#13 N-TRIACONTANE

R.T.: 18.144 min
Delta R.T.: 0.010 min
Response: 169914
Conc: 1.31 ug/ml

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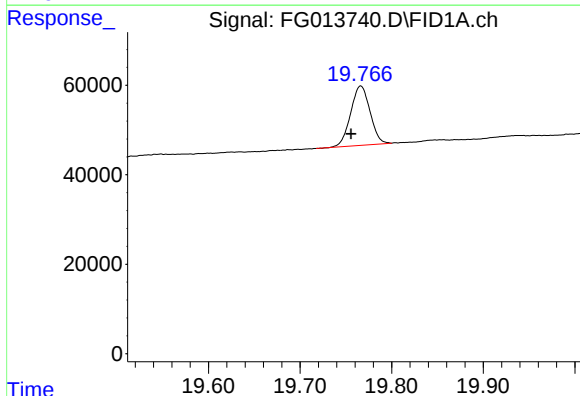
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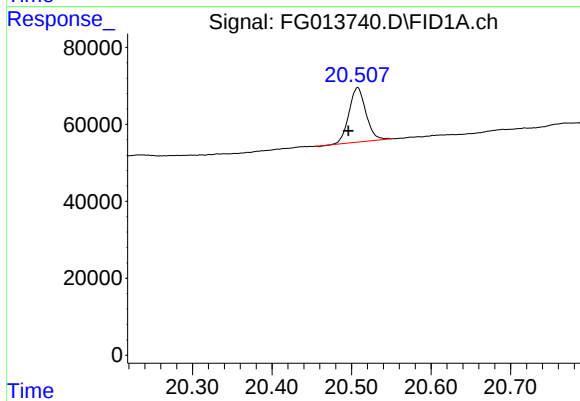
#14 N-DOTRIACONTANE

R.T.: 18.980 min
Delta R.T.: 0.010 min
Response: 180884
Conc: 1.41 ug/ml



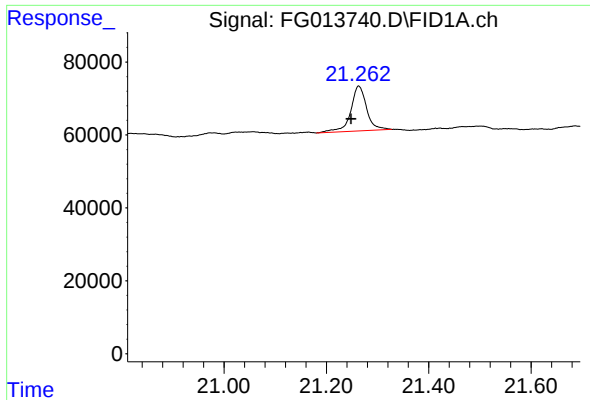
#15 N-TETRATRIACONTANE

R.T.: 19.766 min
Delta R.T.: 0.011 min
Response: 194742
Conc: 1.63 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.508 min
Delta R.T.: 0.012 min
Response: 208452
Conc: 1.90 ug/ml



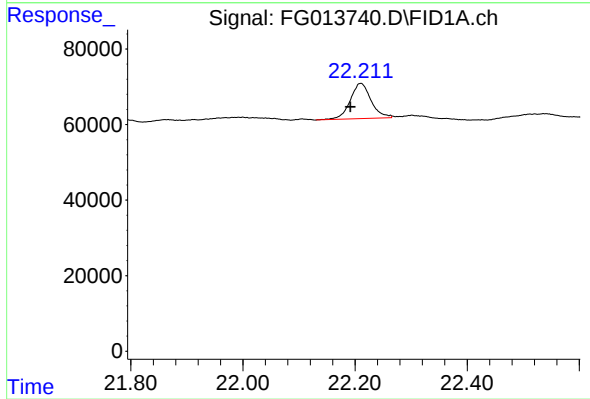
#17 N-OCTATRIACONTANE

R.T.: 21.263 min
Delta R.T.: 0.015 min
Response: 265373
Conc: 2.62 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.211 min
Delta R.T.: 0.019 min
Response: 242306
Conc: 2.51 ug/ml m