

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112125\
 Data File : FG016984.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2025 23:26
 Operator : YP\AJ
 Sample : Q3530-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-04-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File: autoint1.e
 Quant Time: Nov 26 05:03:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:18:34 2025
 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...	15.140	2138218	19.876 ug/ml
Target Compounds			
1) N-OCTANE	2.084	299601	2.529 ug/ml
2) N-DECANE	4.618	272739	2.360 ug/ml
3) N-DODECANE	6.801	242335	2.079 ug/ml
4) N-TETRADECANE	8.652	211626	1.851 ug/ml
5) N-HEXADECANE	10.267	220588	1.921 ug/ml
6) N-OCTADECANE	11.716	270508	2.224 ug/ml
7) N-EICOSANE	13.031	300129	2.383 ug/ml
8) N-DOCOSANE	14.236	307755	2.501 ug/ml
10) N-TETRACOSANE	15.346	316290	2.588 ug/ml
11) N-HEXACOSANE	16.378	274102	2.321 ug/ml
12) N-OCTACOSANE	17.333	288103	2.435 ug/ml
13) N-TRIACONTANE	18.227	300220	2.554 ug/ml
14) N-DOTRIACONTANE	19.065	293866	2.591 ug/ml
15) N-TETRATRIACONTANE	19.856	214643	2.029 ug/ml
16) N-HEXATRIACONTANE	20.601	135346	1.431 ug/ml
17) N-OCTATRIACONTANE	21.381	70557	0.875 ug/ml
18) N-TETRACONTANE	22.369	39623	0.567 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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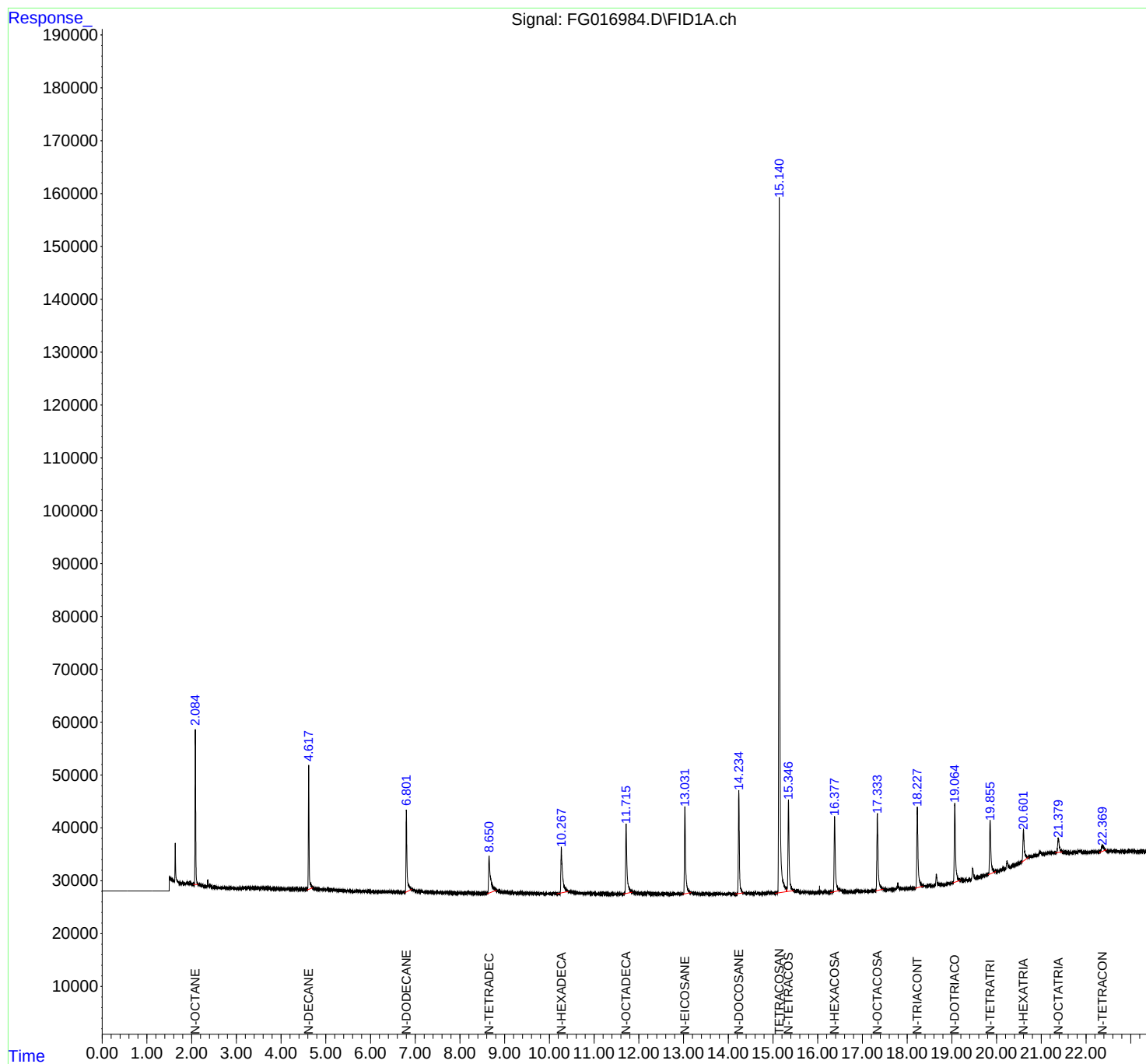
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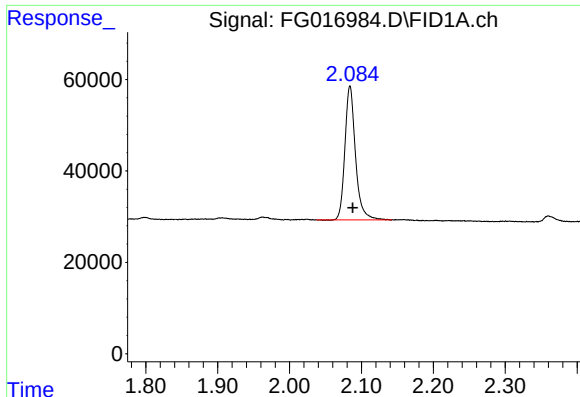
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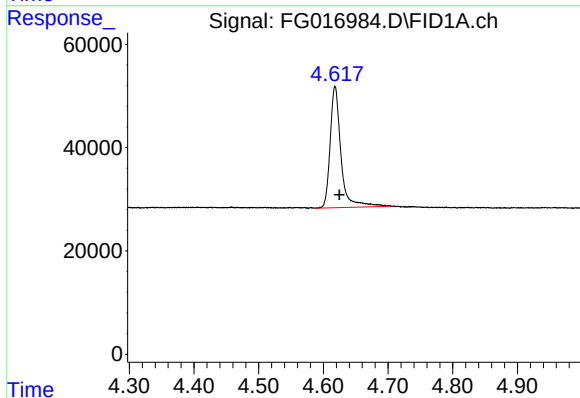
#1 N-OCTANE

R.T.: 2.084 min
Delta R.T.: -0.004 min
Response: 299601
Conc: 2.53 ug/ml

Instrument :
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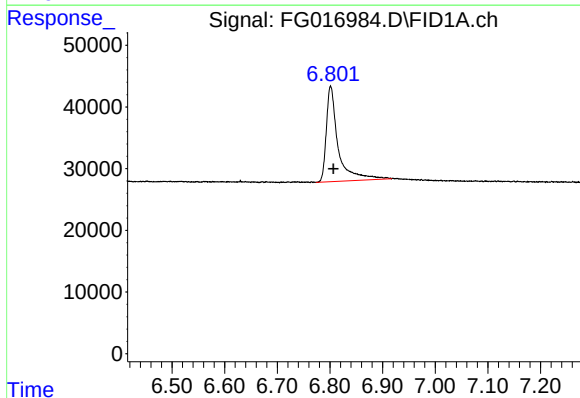
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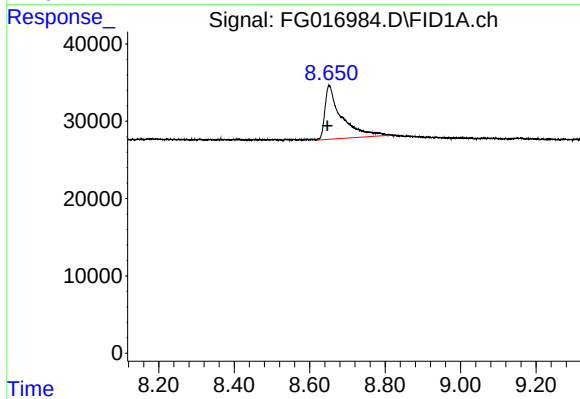
#2 N-DECANE

R.T.: 4.618 min
Delta R.T.: -0.007 min
Response: 272739
Conc: 2.36 ug/ml



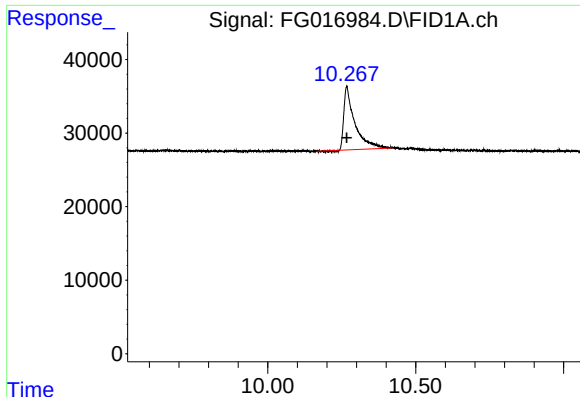
#3 N-DODECANE

R.T.: 6.801 min
Delta R.T.: -0.006 min
Response: 242335
Conc: 2.08 ug/ml



#4 N-TETRADECANE

R.T.: 8.652 min
Delta R.T.: 0.005 min
Response: 211626
Conc: 1.85 ug/ml



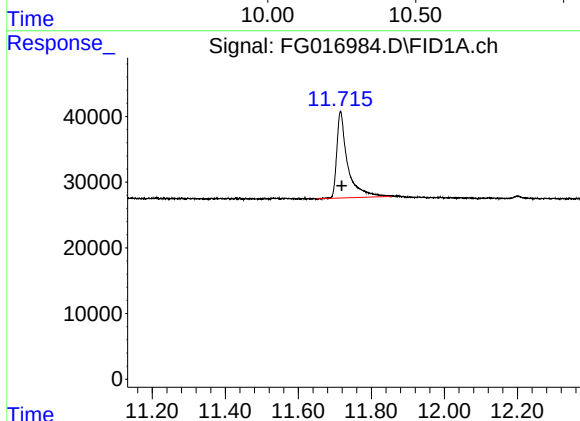
#5 N-HEXADECANE

R.T.: 10.267 min
Delta R.T.: 0.000 min
Response: 220588
Conc: 1.92 ug/ml

Instrument :
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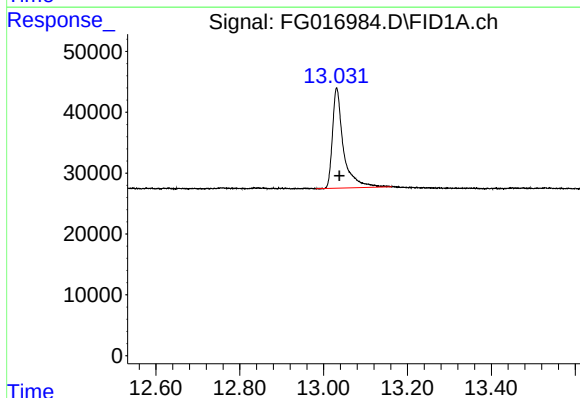
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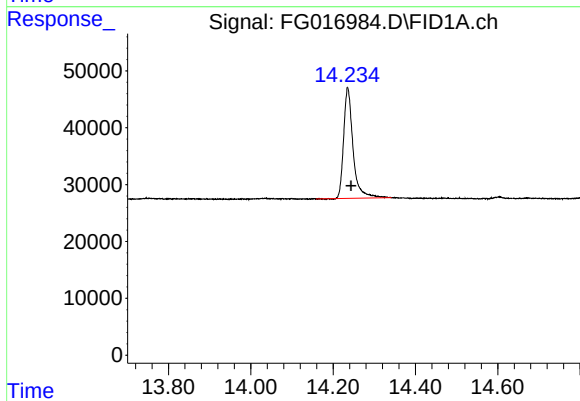
#6 N-OCTADECANE

R.T.: 11.716 min
Delta R.T.: -0.003 min
Response: 270508
Conc: 2.22 ug/ml



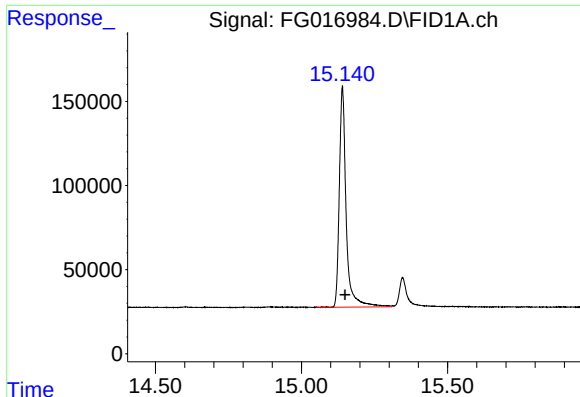
#7 N-EICOSANE

R.T.: 13.031 min
Delta R.T.: -0.007 min
Response: 300129
Conc: 2.38 ug/ml



#8 N-DOCOSANE

R.T.: 14.236 min
Delta R.T.: -0.008 min
Response: 307755
Conc: 2.50 ug/ml



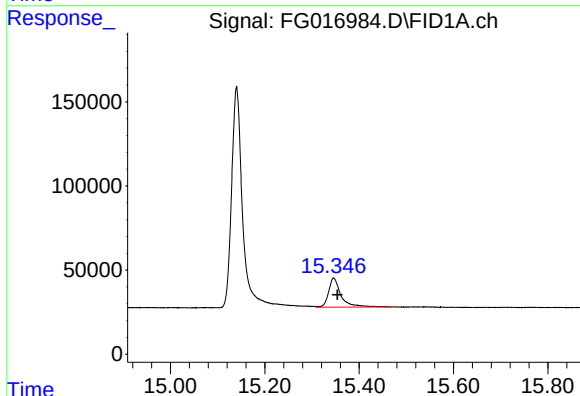
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.140 min
Delta R.T.: -0.010 min
Response: 2138218
Conc: 19.88 ug/ml

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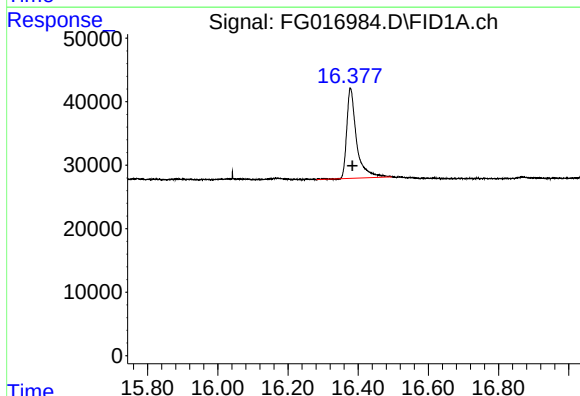
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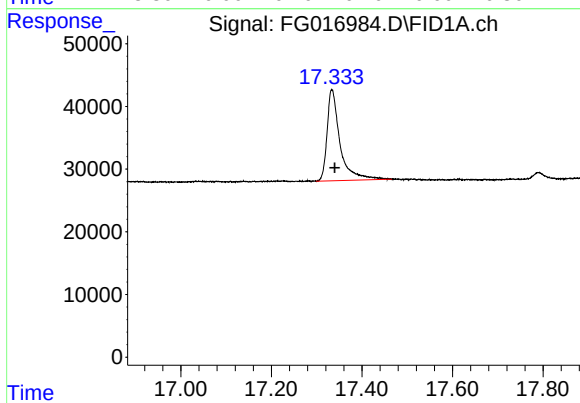
#10 N-TETRACOSANE

R.T.: 15.346 min
Delta R.T.: -0.008 min
Response: 316290
Conc: 2.59 ug/ml



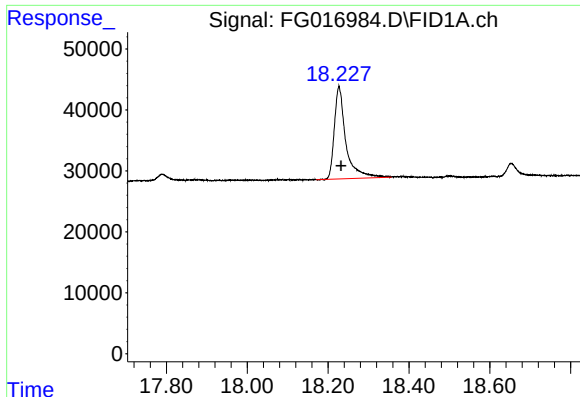
#11 N-HEXACOSANE

R.T.: 16.378 min
Delta R.T.: -0.005 min
Response: 274102
Conc: 2.32 ug/ml



#12 N-OCTACOSANE

R.T.: 17.333 min
Delta R.T.: -0.006 min
Response: 288103
Conc: 2.44 ug/ml



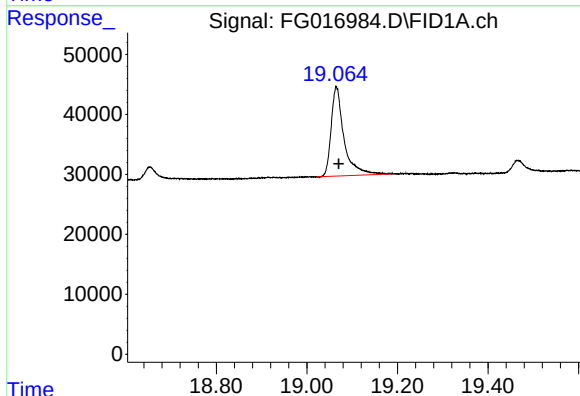
#13 N-TRIACONTANE

R.T.: 18.227 min
Delta R.T.: -0.006 min
Response: 300220
Conc: 2.55 ug/ml

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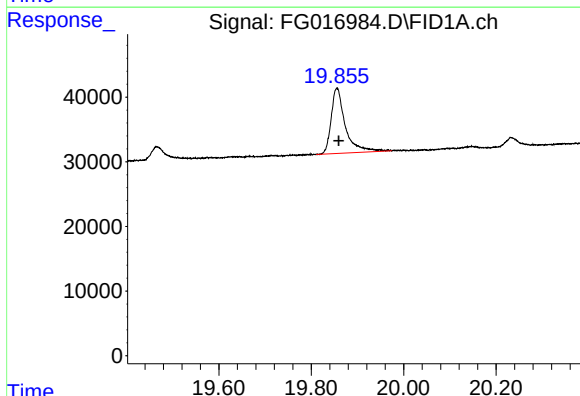
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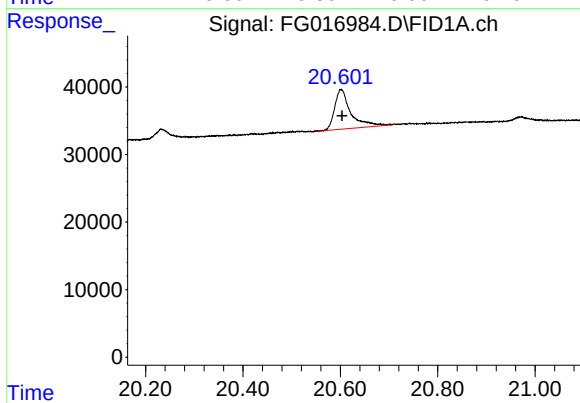
#14 N-DOTRIACONTANE

R.T.: 19.065 min
Delta R.T.: -0.005 min
Response: 293866
Conc: 2.59 ug/ml



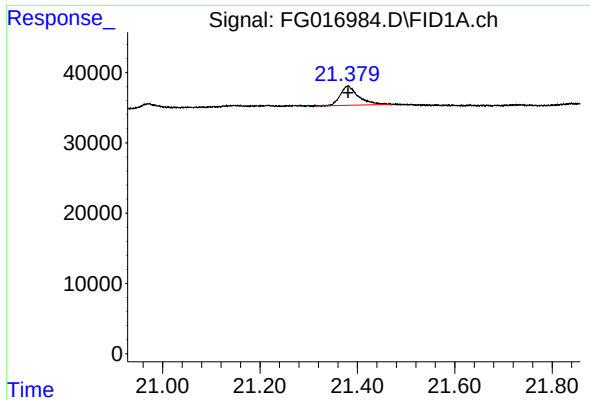
#15 N-TETRATRIACONTANE

R.T.: 19.856 min
Delta R.T.: -0.004 min
Response: 214643
Conc: 2.03 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.601 min
Delta R.T.: -0.002 min
Response: 135346
Conc: 1.43 ug/ml



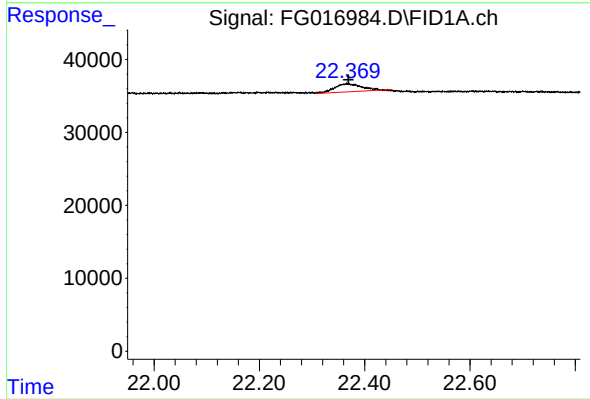
#17 N-OCTATRIACONTANE

R.T.: 21.381 min
Delta R.T.: 0.000 min
Response: 70557
Conc: 0.87 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.369 min
Delta R.T.: 0.000 min
Response: 39623
Conc: 0.57 ug/ml m