

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112125\
 Data File : FG016983.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2025 22:56
 Operator : YP\AJ
 Sample : Q3530-04
 Misc :
 ALS Vial : 23 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 05:03:18 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...	15.141	1710501	15.900 ug/ml
Target Compounds			
1) N-OCTANE	2.085	101225	0.854 ug/ml
2) N-DECANE	4.619	81099	0.702 ug/ml
3) N-DODECANE	6.806	35372	0.303 ug/ml
4) N-TETRADECANE	8.677	26588	0.233 ug/mlm
5) N-HEXADECANE	10.276	40042	0.349 ug/mlm
6) N-OCTADECANE	11.723	68012	0.559 ug/ml
7) N-EICOSANE	13.036	90873	0.722 ug/ml
8) N-DOCOSANE	14.238	98250	0.798 ug/ml
10) N-TETRACOSANE	15.348	122716	1.004 ug/ml
11) N-HEXACOSANE	16.386	84706	0.717 ug/ml
12) N-OCTACOSANE	17.341	92720	0.784 ug/ml
13) N-TRIACONTANE	18.231	104158	0.886 ug/ml
14) N-DOTRIACONTANE	19.068	126256	1.113 ug/ml
15) N-TETRATRIACONTANE	19.856	116766	1.104 ug/ml
16) N-HEXATRIACONTANE	20.599	117640	1.244 ug/ml
17) N-OCTATRIACONTANE	21.376	92150	1.143 ug/ml
18) N-TETRACONTANE	22.363	86884	1.242 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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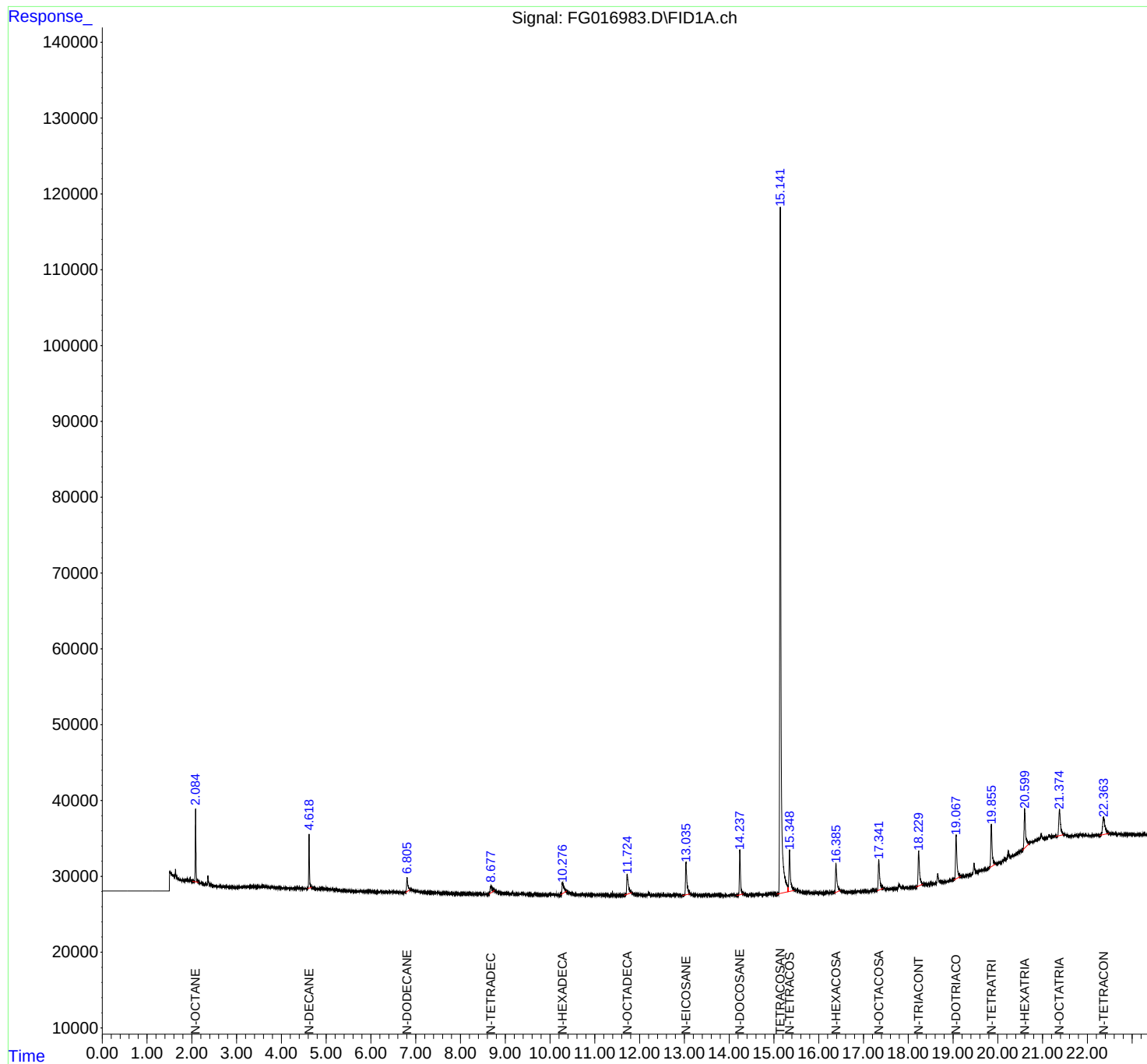
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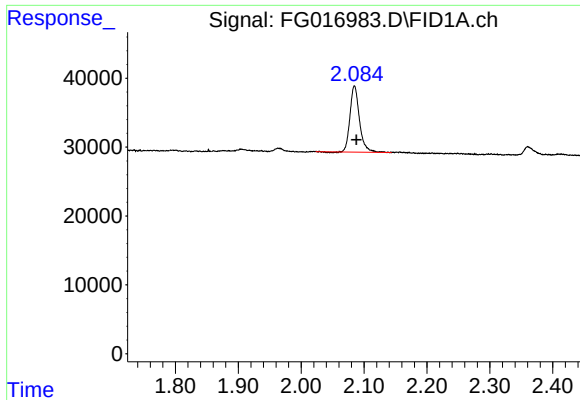
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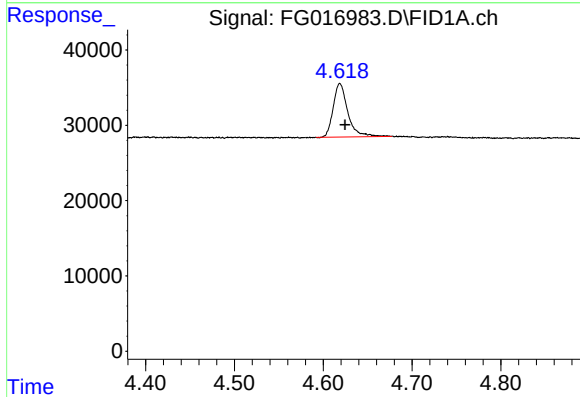
#1 N-OCTANE

R.T.: 2.085 min
Delta R.T.: -0.003 min
Response: 101225
Conc: 0.85 ug/ml

Instrument :
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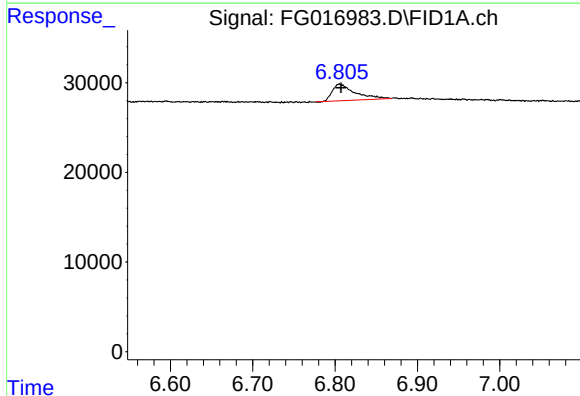
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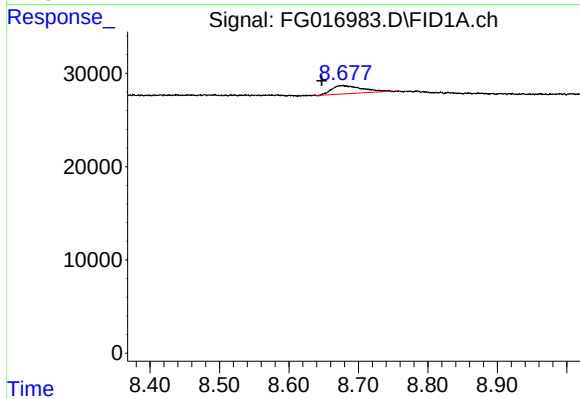
#2 N-DECANE

R.T.: 4.619 min
Delta R.T.: -0.006 min
Response: 81099
Conc: 0.70 ug/ml



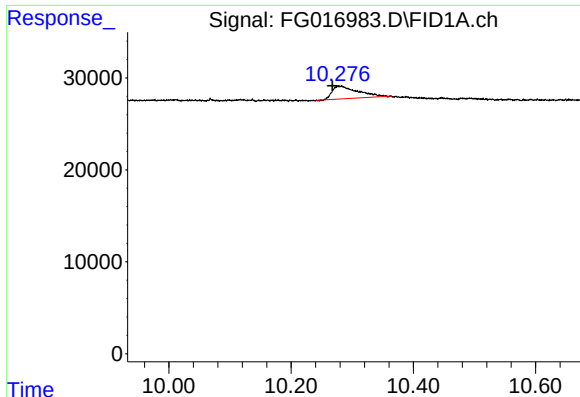
#3 N-DODECANE

R.T.: 6.806 min
Delta R.T.: -0.001 min
Response: 35372
Conc: 0.30 ug/ml



#4 N-TETRADECANE

R.T.: 8.677 min
Delta R.T.: 0.030 min
Response: 26588
Conc: 0.23 ug/ml m



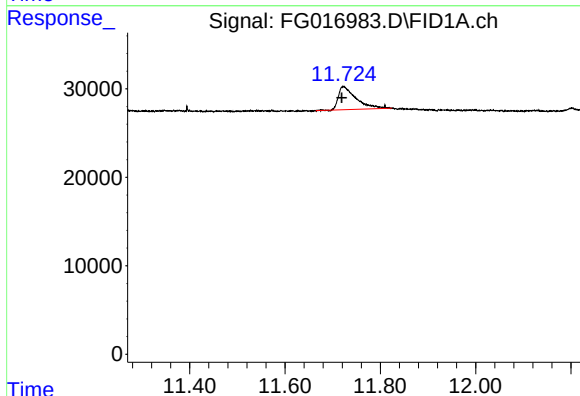
#5 N-HEXADECANE

R.T.: 10.276 min
Delta R.T.: 0.009 min
Response: 40042
Conc: 0.35 ug/ml

Instrument :
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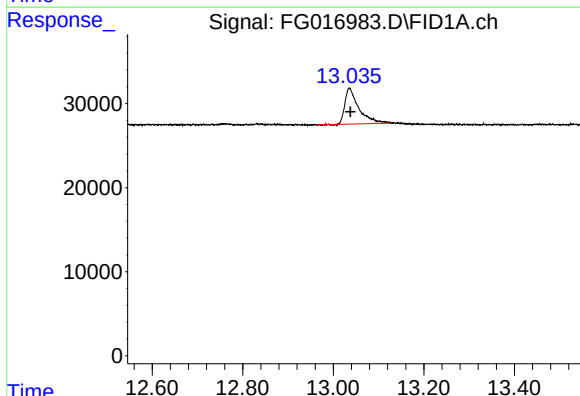
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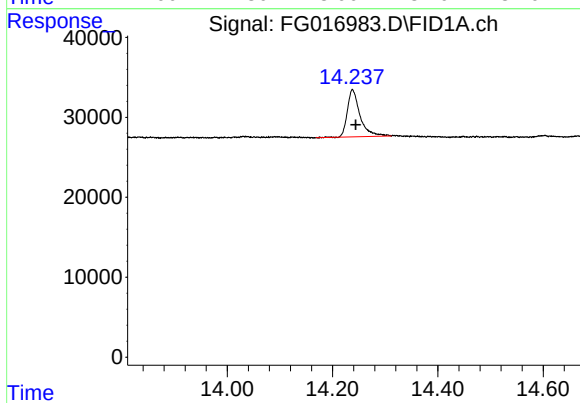
#6 N-OCTADECANE

R.T.: 11.723 min
Delta R.T.: 0.004 min
Response: 68012
Conc: 0.56 ug/ml



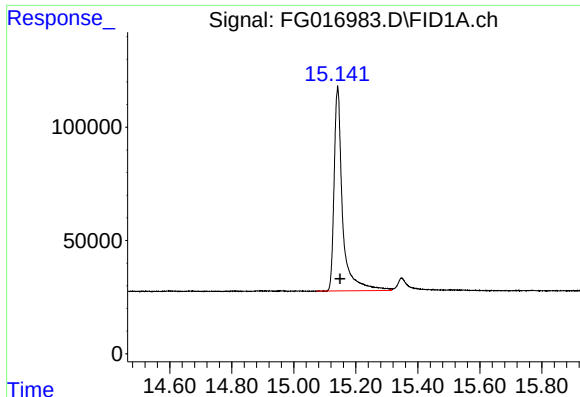
#7 N-EICOSANE

R.T.: 13.036 min
Delta R.T.: -0.002 min
Response: 90873
Conc: 0.72 ug/ml



#8 N-DOCOSANE

R.T.: 14.238 min
Delta R.T.: -0.006 min
Response: 98250
Conc: 0.80 ug/ml



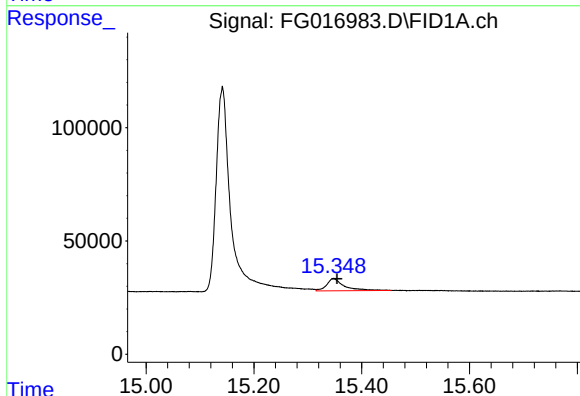
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.141 min
Delta R.T.: -0.008 min
Response: 1710501
Conc: 15.90 ug/ml

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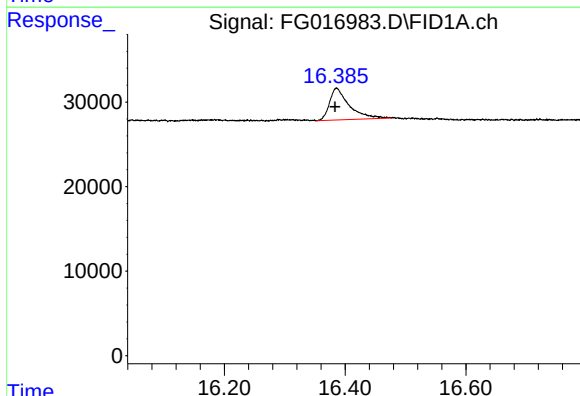
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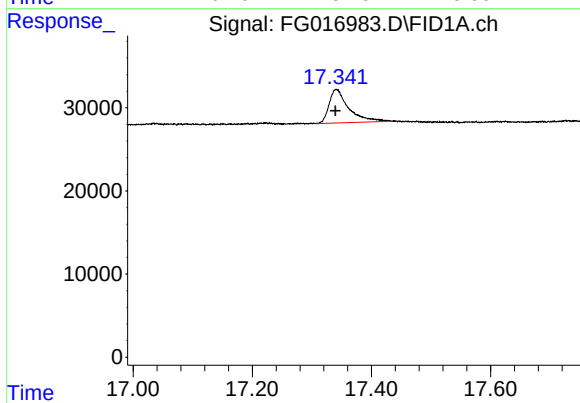
#10 N-TETRACOSANE

R.T.: 15.348 min
Delta R.T.: -0.006 min
Response: 122716
Conc: 1.00 ug/ml



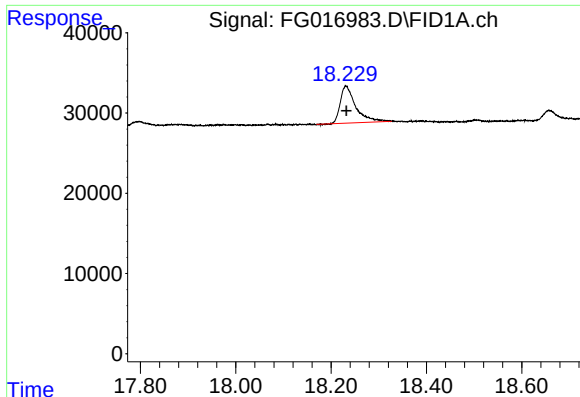
#11 N-HEXACOSANE

R.T.: 16.386 min
Delta R.T.: 0.003 min
Response: 84706
Conc: 0.72 ug/ml



#12 N-OCTACOSANE

R.T.: 17.341 min
Delta R.T.: 0.002 min
Response: 92720
Conc: 0.78 ug/ml



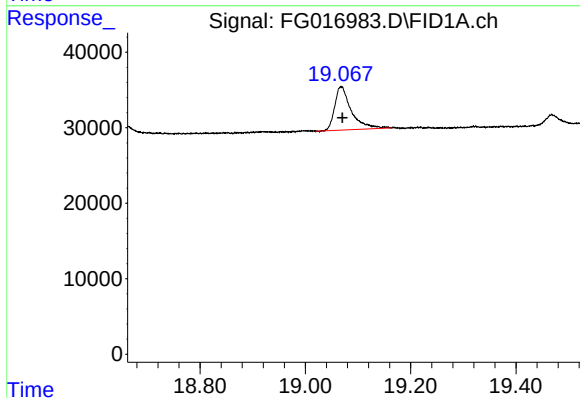
#13 N-TRIACONTANE

R.T.: 18.231 min
Delta R.T.: -0.001 min
Response: 104158
Conc: 0.89 ug/ml

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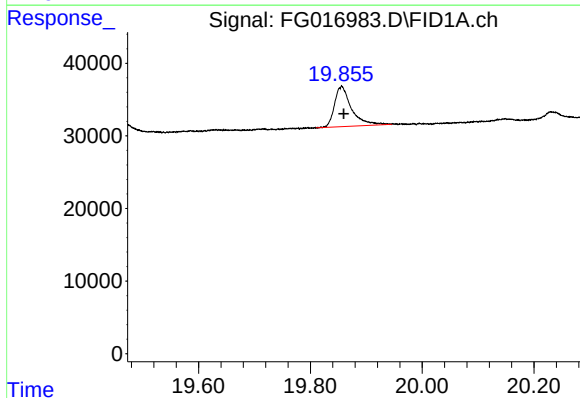
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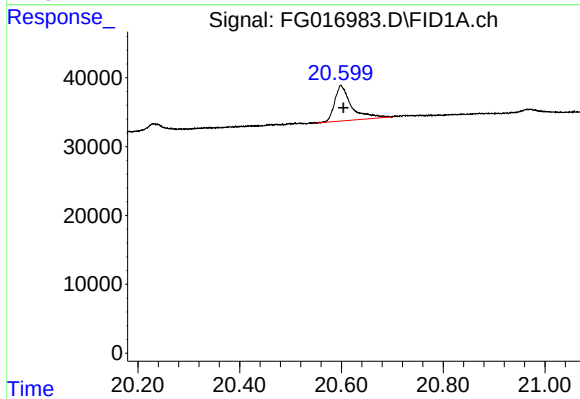
#14 N-DOTRIACONTANE

R.T.: 19.068 min
Delta R.T.: -0.002 min
Response: 126256
Conc: 1.11 ug/ml



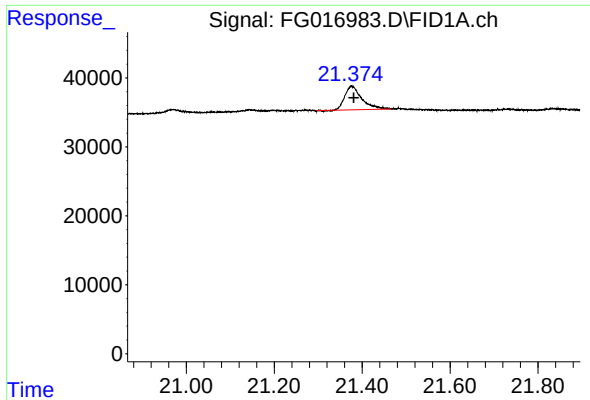
#15 N-TETRATRIACONTANE

R.T.: 19.856 min
Delta R.T.: -0.004 min
Response: 116766
Conc: 1.10 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.599 min
Delta R.T.: -0.004 min
Response: 117640
Conc: 1.24 ug/ml



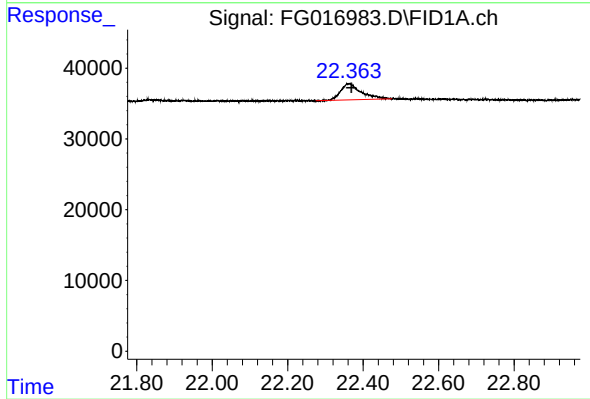
#17 N-OCTATRIACONTANE

R.T.: 21.376 min
Delta R.T.: -0.005 min
Response: 92150
Conc: 1.14 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.363 min
Delta R.T.: -0.006 min
Response: 86884
Conc: 1.24 ug/ml