

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016013.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jun 2025 16:35
 Operator : YP\AJ
 Sample : Q2126-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-04-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/11/2025
 Supervised By :mohammad ahmed 06/12/2025

Integration File: autoint1.e
 Quant Time: Jun 11 05:52:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 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...	14.973	2005062	16.360 ug/ml
Target Compounds			
1) N-OCTANE	1.952	148397	1.262 ug/mlm
2) N-DECANE	4.477	129730	1.104 ug/ml
3) N-DODECANE	6.660	115018	0.948 ug/ml
4) N-TETRADECANE	8.498	132464	1.037 ug/ml
5) N-HEXADECANE	10.112	152397	1.144 ug/ml
6) N-OCTADECANE	11.557	180323	1.307 ug/mlm
7) N-EICOSANE	12.870	193854	1.372 ug/ml
8) N-DOCOSANE	14.070	200271	1.458 ug/ml
10) N-TETRACOSANE	15.177	196819	1.432 ug/mlm
11) N-HEXACOSANE	16.202	196185	1.444 ug/ml
12) N-OCTACOSANE	17.155	194483	1.442 ug/ml
13) N-TRIACONTANE	18.044	198753	1.457 ug/ml
14) N-DOTRIACONTANE	18.877	176407	1.317 ug/ml
15) N-TETRATRIACONTANE	19.663	124436	1.026 ug/ml
16) N-HEXATRIACONTANE	20.405	92796	0.869 ug/ml
17) N-OCTATRIACONTANE	21.139	78074	0.814 ug/ml
18) N-TETRACONTANE	22.048	74189	0.844 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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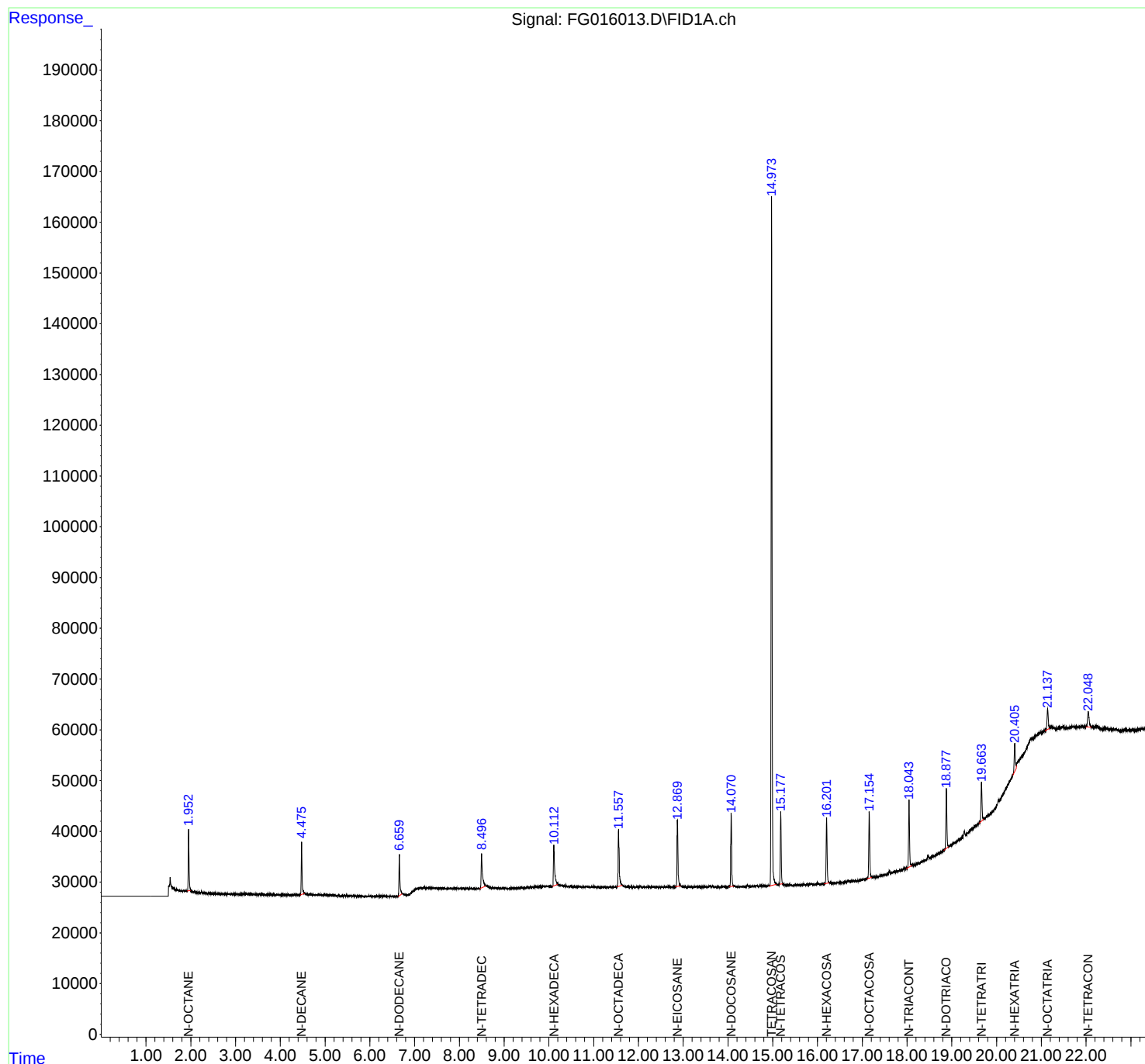
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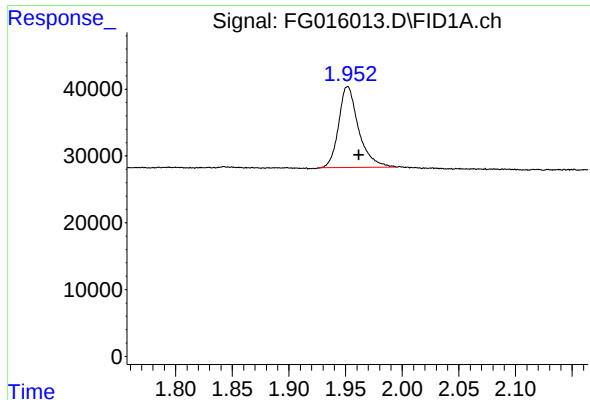
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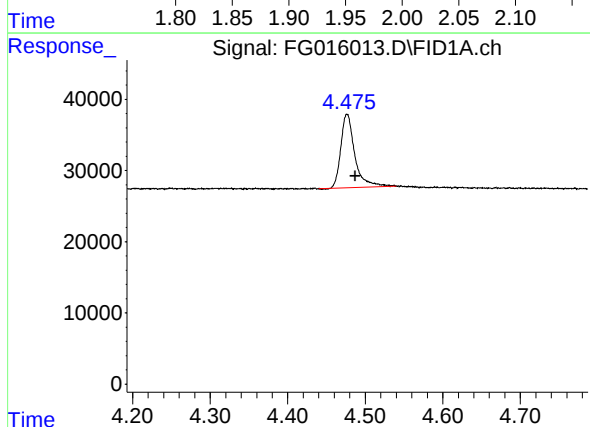
#1 N-OCTANE

R.T.: 1.952 min
Delta R.T.: -0.010 min
Response: 148397
Conc: 1.26 ug/ml

Instrument :
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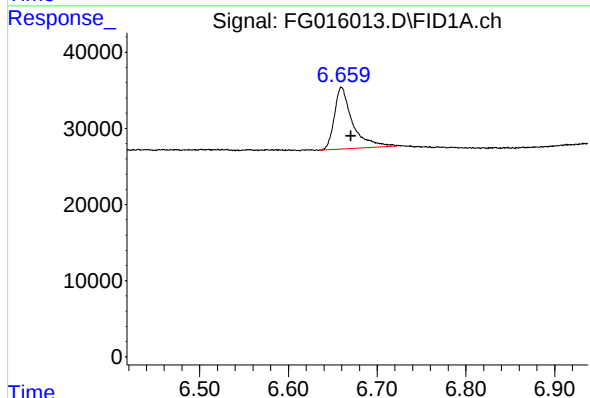
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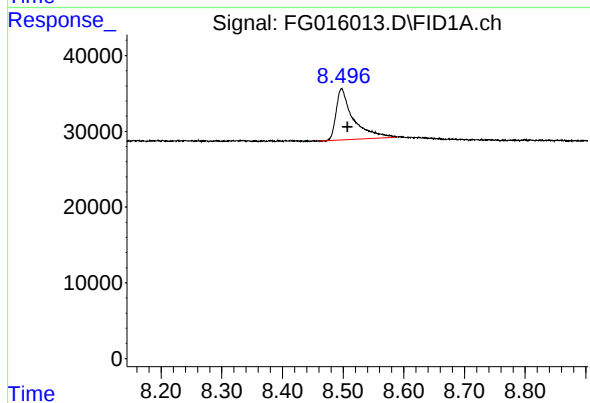
#2 N-DECANE

R.T.: 4.477 min
Delta R.T.: -0.011 min
Response: 129730
Conc: 1.10 ug/ml



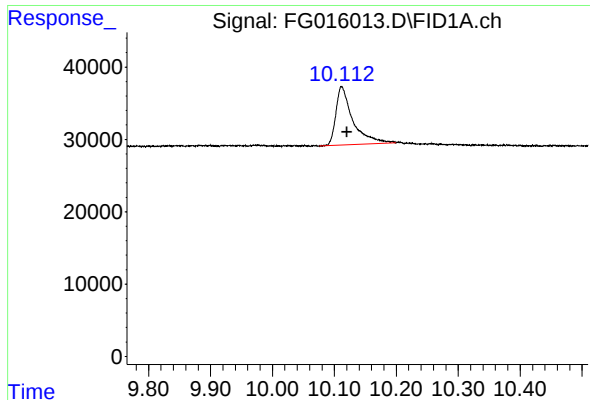
#3 N-DODECANE

R.T.: 6.660 min
Delta R.T.: -0.011 min
Response: 115018
Conc: 0.95 ug/ml



#4 N-TETRADECANE

R.T.: 8.498 min
Delta R.T.: -0.010 min
Response: 132464
Conc: 1.04 ug/ml



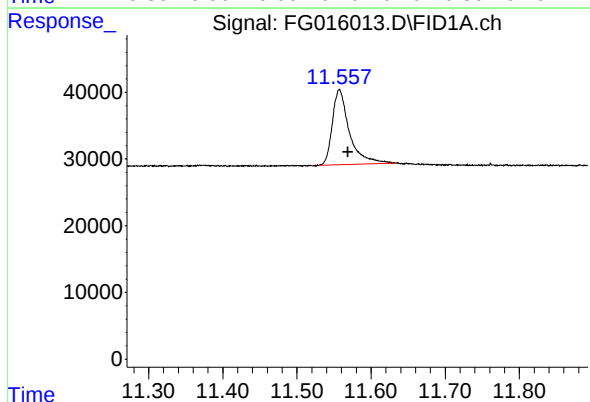
#5 N-HEXADECANE

R.T.: 10.112 min
Delta R.T.: -0.008 min
Response: 152397
Conc: 1.14 ug/ml

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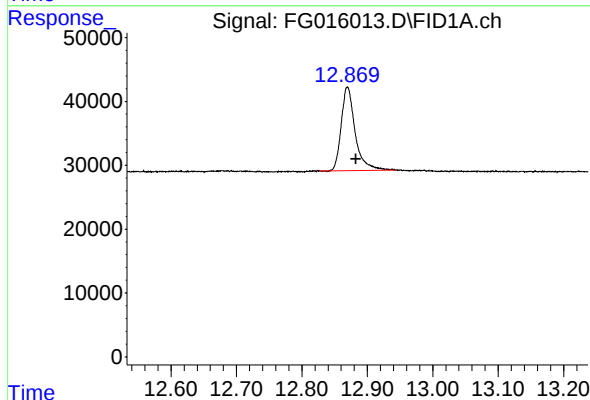
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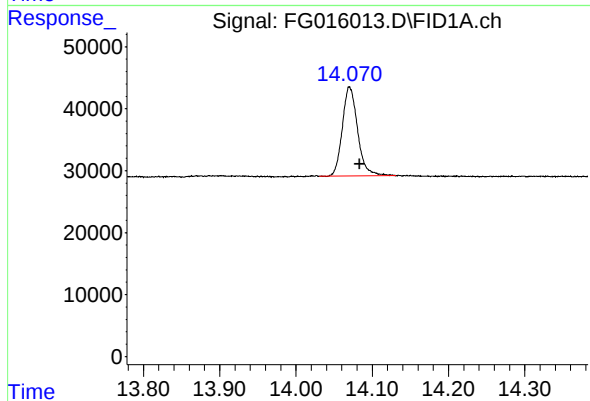
#6 N-OCTADECANE

R.T.: 11.557 min
Delta R.T.: -0.011 min
Response: 180323
Conc: 1.31 ug/ml m



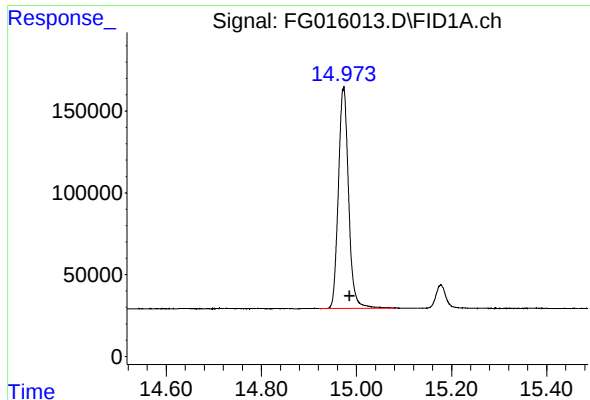
#7 N-EICOSANE

R.T.: 12.870 min
Delta R.T.: -0.013 min
Response: 193854
Conc: 1.37 ug/ml



#8 N-DOCOSANE

R.T.: 14.070 min
Delta R.T.: -0.014 min
Response: 200271
Conc: 1.46 ug/ml



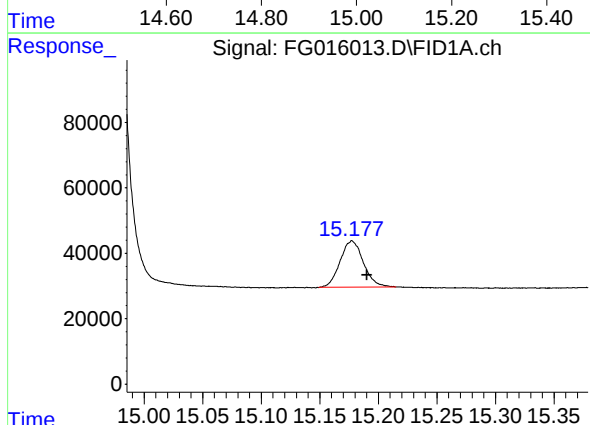
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.973 min
Delta R.T.: -0.013 min
Response: 2005062
Conc: 16.36 ug/ml

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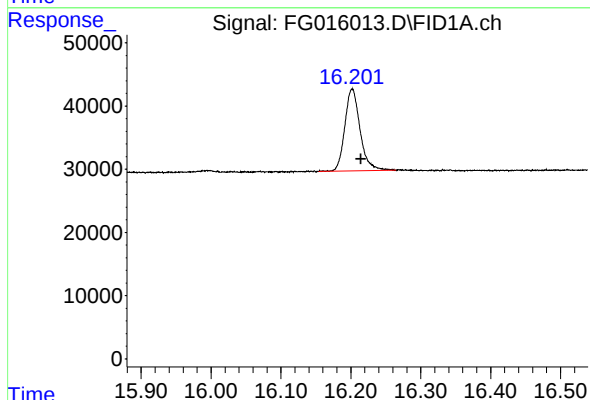
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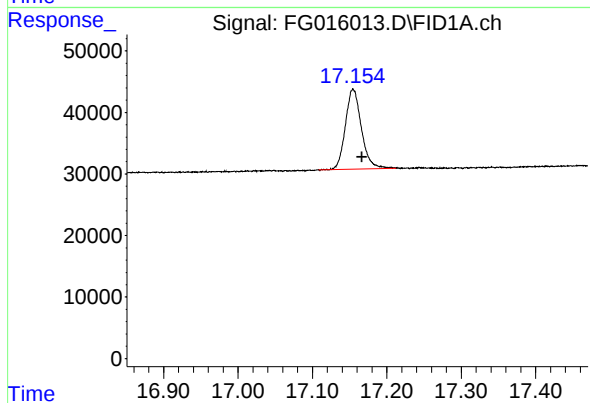
#10 N-TETRACOSANE

R.T.: 15.177 min
Delta R.T.: -0.013 min
Response: 196819
Conc: 1.43 ug/ml m



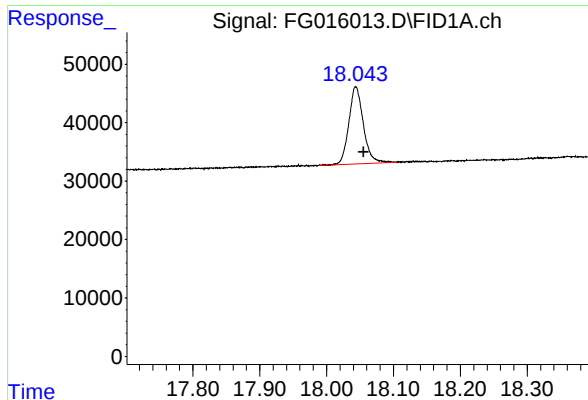
#11 N-HEXACOSANE

R.T.: 16.202 min
Delta R.T.: -0.013 min
Response: 196185
Conc: 1.44 ug/ml



#12 N-OCTACOSANE

R.T.: 17.155 min
Delta R.T.: -0.012 min
Response: 194483
Conc: 1.44 ug/ml



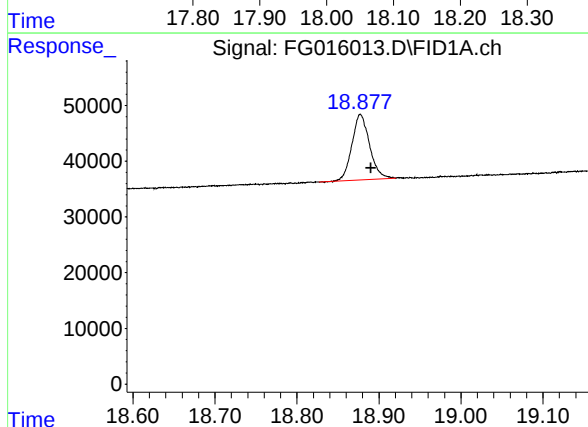
#13 N-TRIACONTANE

R.T.: 18.044 min
Delta R.T.: -0.012 min
Response: 198753
Conc: 1.46 ug/ml

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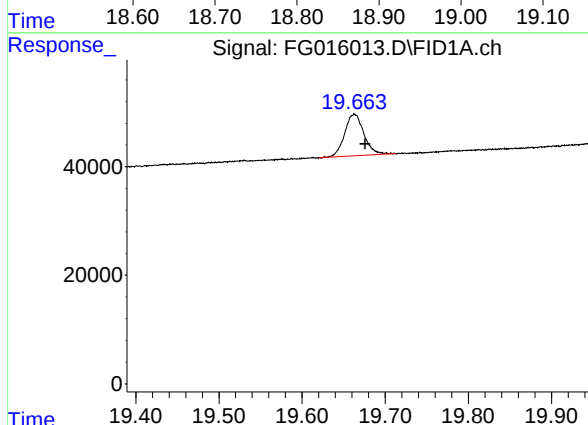
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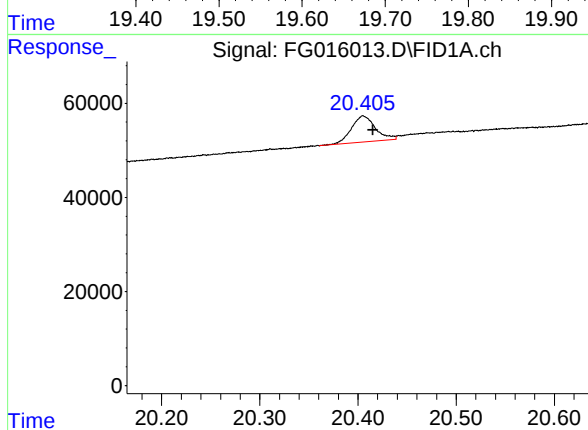
#14 N-DOTRIACONTANE

R.T.: 18.877 min
Delta R.T.: -0.013 min
Response: 176407
Conc: 1.32 ug/ml



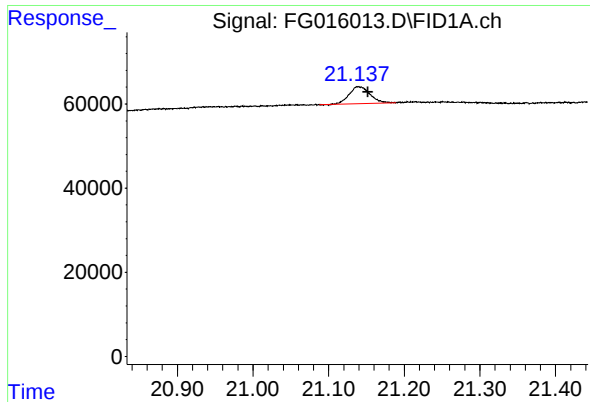
#15 N-TETRATRIACONTANE

R.T.: 19.663 min
Delta R.T.: -0.013 min
Response: 124436
Conc: 1.03 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.405 min
Delta R.T.: -0.010 min
Response: 92796
Conc: 0.87 ug/ml



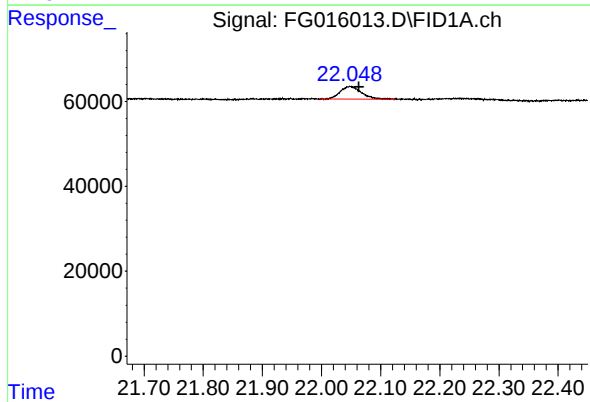
#17 N-OCTATRIACONTANE

R.T.: 21.139 min
Delta R.T.: -0.013 min
Response: 78074
Conc: 0.81 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.048 min
Delta R.T.: -0.015 min
Response: 74189
Conc: 0.84 ug/ml