

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016014.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jun 2025 17:04
 Operator : YP\AJ
 Sample : Q2126-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 29 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 05:52:41 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	2000252	16.320 ug/ml
Target Compounds			
1) N-OCTANE	1.952	226324	1.925 ug/ml
2) N-DECANE	4.475	213287	1.815 ug/mlm
3) N-DODECANE	6.658	218780	1.803 ug/mlm
4) N-TETRADECANE	8.496	236049	1.849 ug/mlm
5) N-HEXADECANE	10.110	235694	1.769 ug/ml
6) N-OCTADECANE	11.556	276599	2.004 ug/ml
7) N-EICOSANE	12.869	293365	2.077 ug/ml
8) N-DOCOSANE	14.070	290098	2.112 ug/ml
10) N-TETRACOSANE	15.177	293034	2.132 ug/ml
11) N-HEXACOSANE	16.200	288454	2.123 ug/ml
12) N-OCTACOSANE	17.153	304027	2.255 ug/ml
13) N-TRIACONTANE	18.042	340219	2.493 ug/ml
14) N-DOTRIACONTANE	18.875	341218	2.548 ug/ml
15) N-TETRATRIACONTANE	19.662	301576	2.487 ug/ml
16) N-HEXATRIACONTANE	20.403	241774	2.264 ug/ml
17) N-OCTATRIACONTANE	21.137	201912	2.104 ug/ml
18) N-TETRACONTANE	22.046	162110	1.843 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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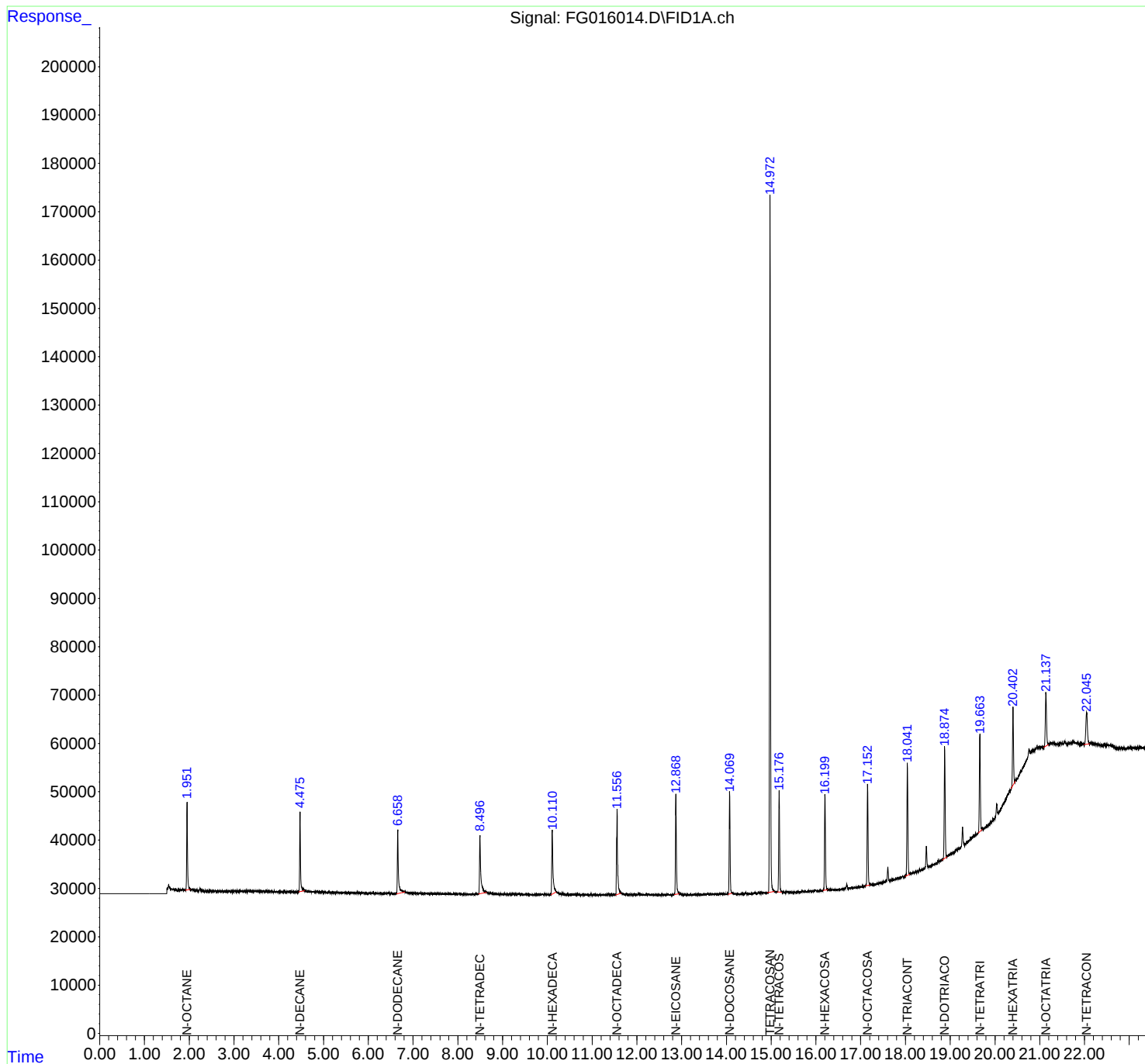
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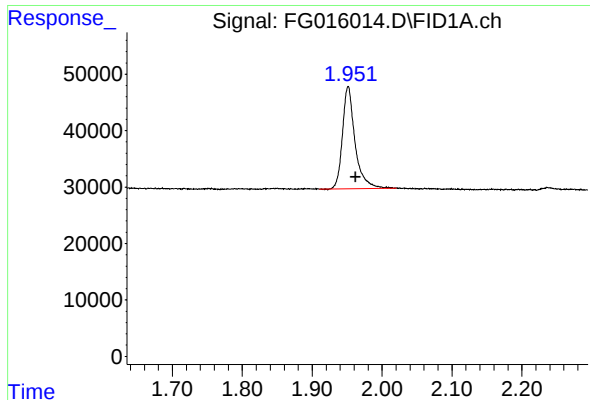
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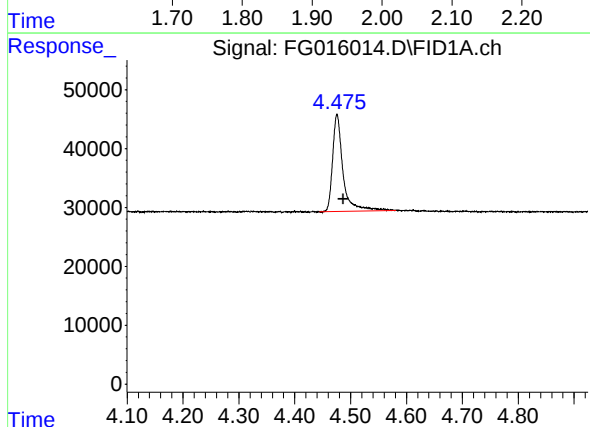
#1 N-OCTANE

R.T.: 1.952 min
Delta R.T.: -0.010 min
Response: 226324
Conc: 1.92 ug/ml

Instrument :
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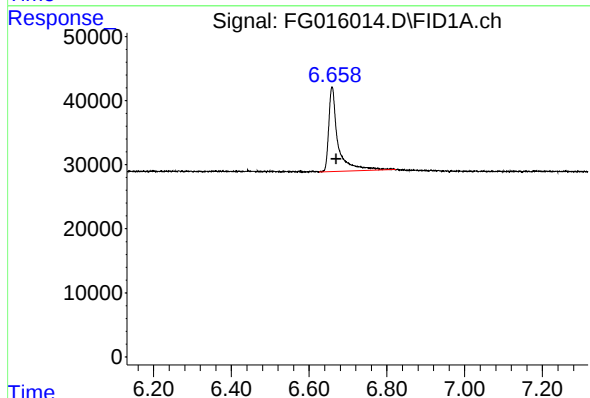
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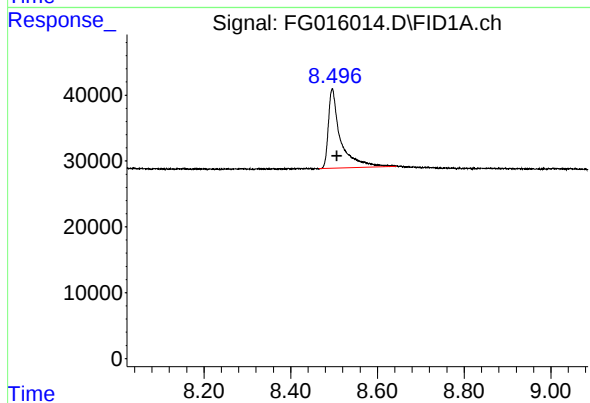
#2 N-DECANE

R.T.: 4.475 min
Delta R.T.: -0.012 min
Response: 213287
Conc: 1.82 ug/ml m



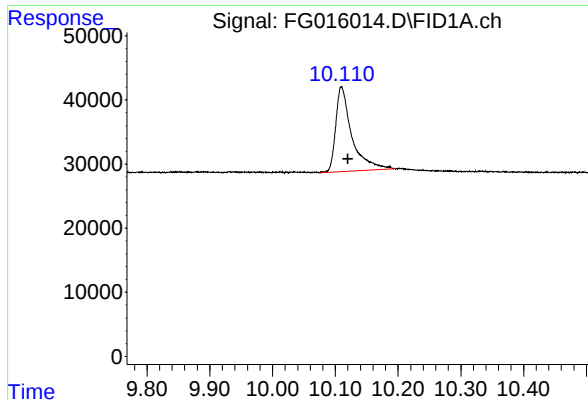
#3 N-DODECANE

R.T.: 6.658 min
Delta R.T.: -0.012 min
Response: 218780
Conc: 1.80 ug/ml m



#4 N-TETRADECANE

R.T.: 8.496 min
Delta R.T.: -0.011 min
Response: 236049
Conc: 1.85 ug/ml m



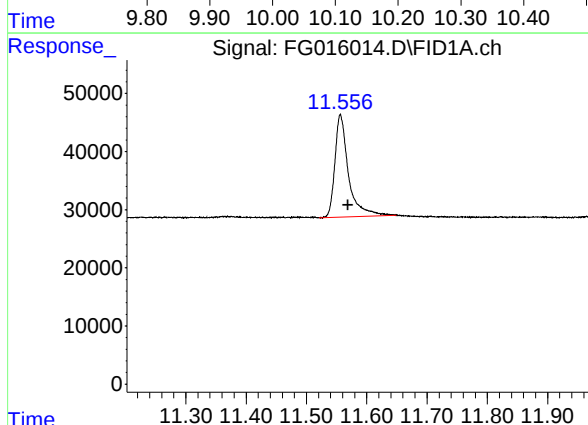
#5 N-HEXADECANE

R.T.: 10.110 min
Delta R.T.: -0.010 min
Response: 235694
Conc: 1.77 ug/ml

Instrument :
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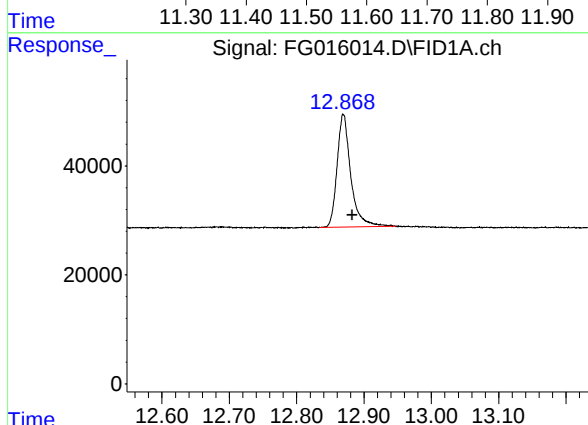
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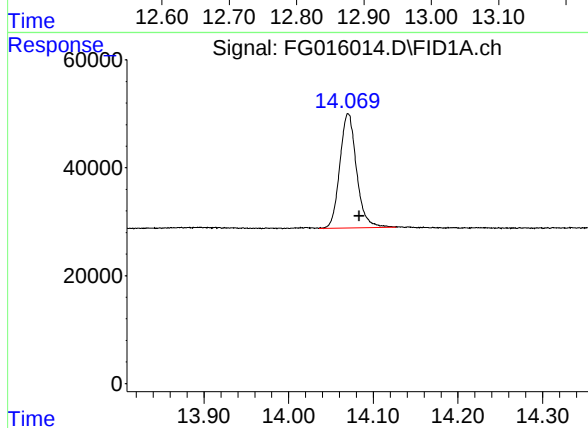
#6 N-OCTADECANE

R.T.: 11.556 min
Delta R.T.: -0.012 min
Response: 276599
Conc: 2.00 ug/ml



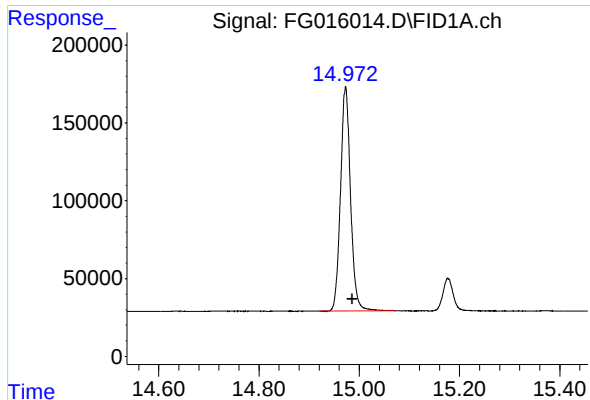
#7 N-EICOSANE

R.T.: 12.869 min
Delta R.T.: -0.013 min
Response: 293365
Conc: 2.08 ug/ml



#8 N-DOCOSANE

R.T.: 14.070 min
Delta R.T.: -0.013 min
Response: 290098
Conc: 2.11 ug/ml



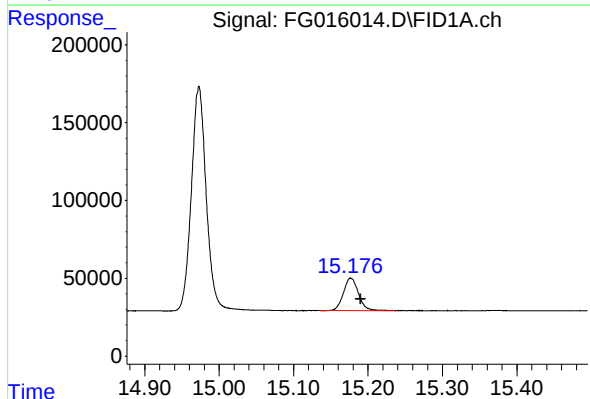
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.973 min
Delta R.T.: -0.013 min
Response: 2000252
Conc: 16.32 ug/ml

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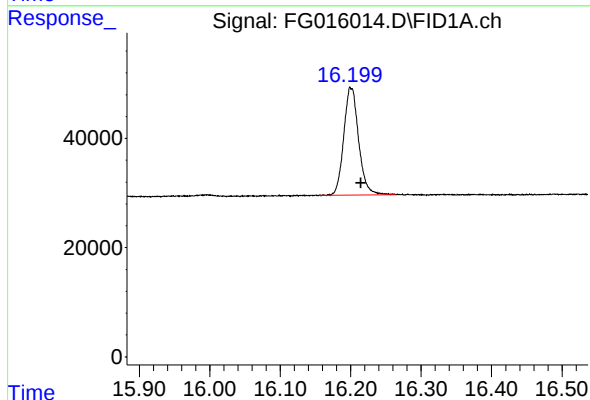
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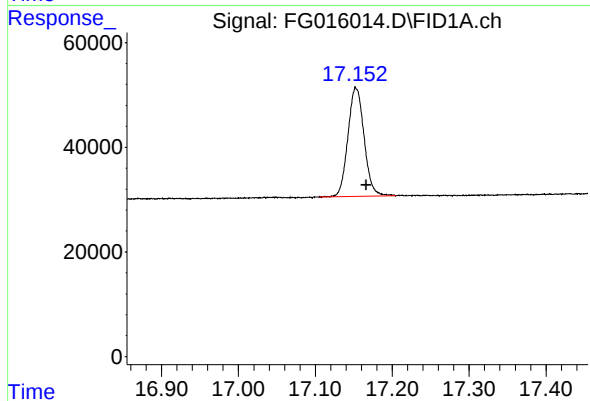
#10 N-TETRACOSANE

R.T.: 15.177 min
Delta R.T.: -0.014 min
Response: 293034
Conc: 2.13 ug/ml



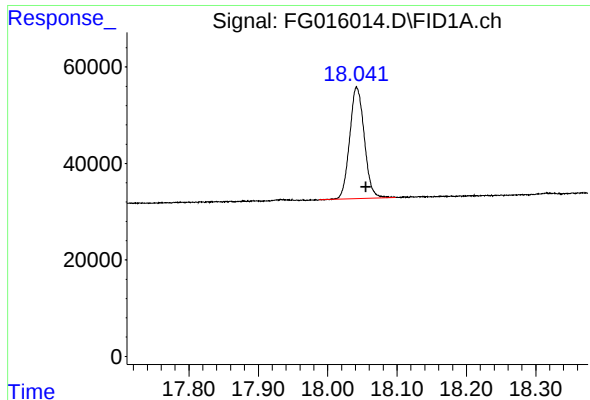
#11 N-HEXACOSANE

R.T.: 16.200 min
Delta R.T.: -0.014 min
Response: 288454
Conc: 2.12 ug/ml



#12 N-OCTACOSANE

R.T.: 17.153 min
Delta R.T.: -0.014 min
Response: 304027
Conc: 2.25 ug/ml



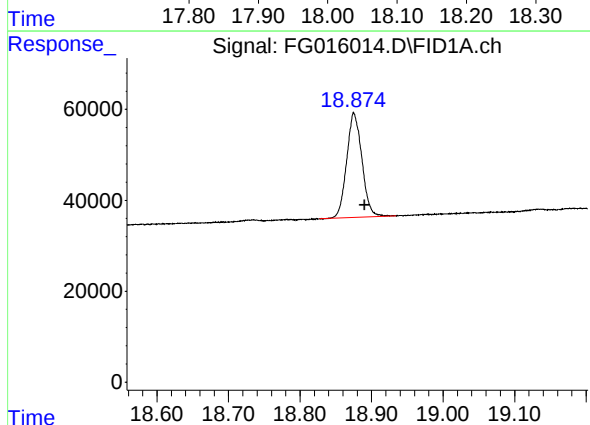
#13 N-TRIACONTANE

R.T.: 18.042 min
Delta R.T.: -0.014 min
Response: 340219
Conc: 2.49 ug/ml

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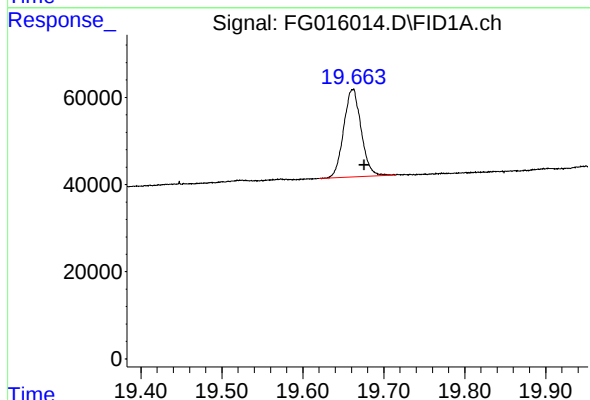
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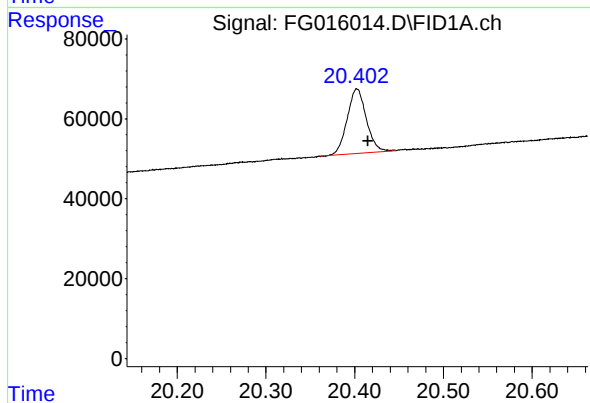
#14 N-DOTRIACONTANE

R.T.: 18.875 min
Delta R.T.: -0.015 min
Response: 341218
Conc: 2.55 ug/ml



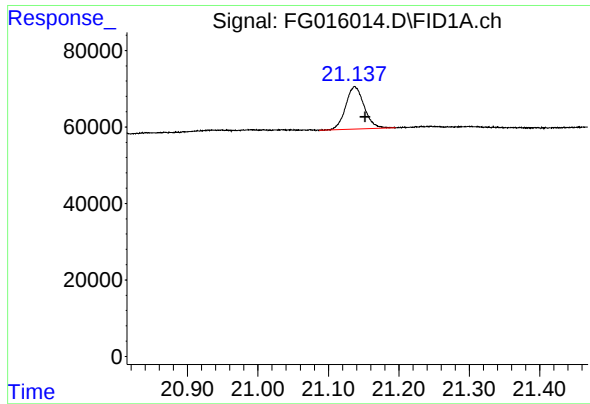
#15 N-TETRATRIACONTANE

R.T.: 19.662 min
Delta R.T.: -0.014 min
Response: 301576
Conc: 2.49 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.403 min
Delta R.T.: -0.012 min
Response: 241774
Conc: 2.26 ug/ml



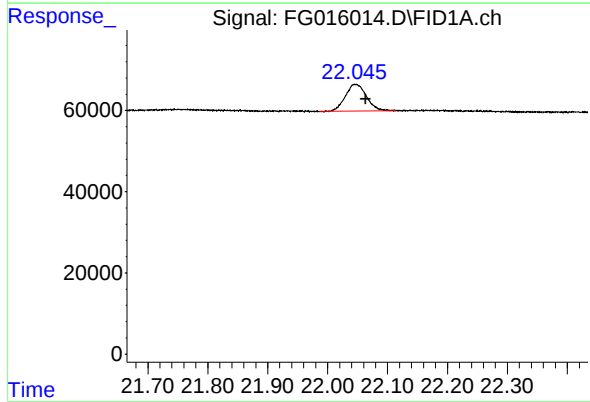
#17 N-OCTATRIACONTANE

R.T.: 21.137 min
Delta R.T.: -0.015 min
Response: 201912
Conc: 2.10 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.046 min
Delta R.T.: -0.018 min
Response: 162110
Conc: 1.84 ug/ml