

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061125\
 Data File : FG016058.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 19:09
 Operator : YP\AJ
 Sample : Q2126-12
 Misc : 1 PPM WATER MDL
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-06-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
 Quant Time: Jun 12 02:16:22 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...	14.967	2150074	17.543 ug/ml
Target Compounds			
1) N-OCTANE	1.953	90977	0.774 ug/ml
2) N-DECANE	4.474	83808	0.713 ug/mlm
3) N-DODECANE	6.662	100914	0.831 ug/mlm
4) N-TETRADECANE	8.515	116455	0.912 ug/mlm
5) N-HEXADECANE	10.116	107606	0.808 ug/mlm
6) N-OCTADECANE	11.556	109467	0.793 ug/mlm
7) N-EICOSANE	12.867	119659	0.847 ug/ml
8) N-DOCOSANE	14.064	124714	0.908 ug/mlm
10) N-TETRACOSANE	15.172	130059	0.946 ug/ml
11) N-HEXACOSANE	16.198	128504	0.946 ug/ml
12) N-OCTACOSANE	17.150	155023	1.150 ug/ml
13) N-TRIACONTANE	18.038	190712	1.398 ug/mlm
14) N-DOTRIACONTANE	18.872	206867	1.545 ug/mlm
15) N-TETRATRIACONTANE	19.655	167764	1.383 ug/mlm
16) N-HEXATRIACONTANE	20.398	119931	1.123 ug/ml
17) N-OCTATRIACONTANE	21.136	97925	1.020 ug/ml
18) N-TETRACONTANE	22.044	93581	1.064 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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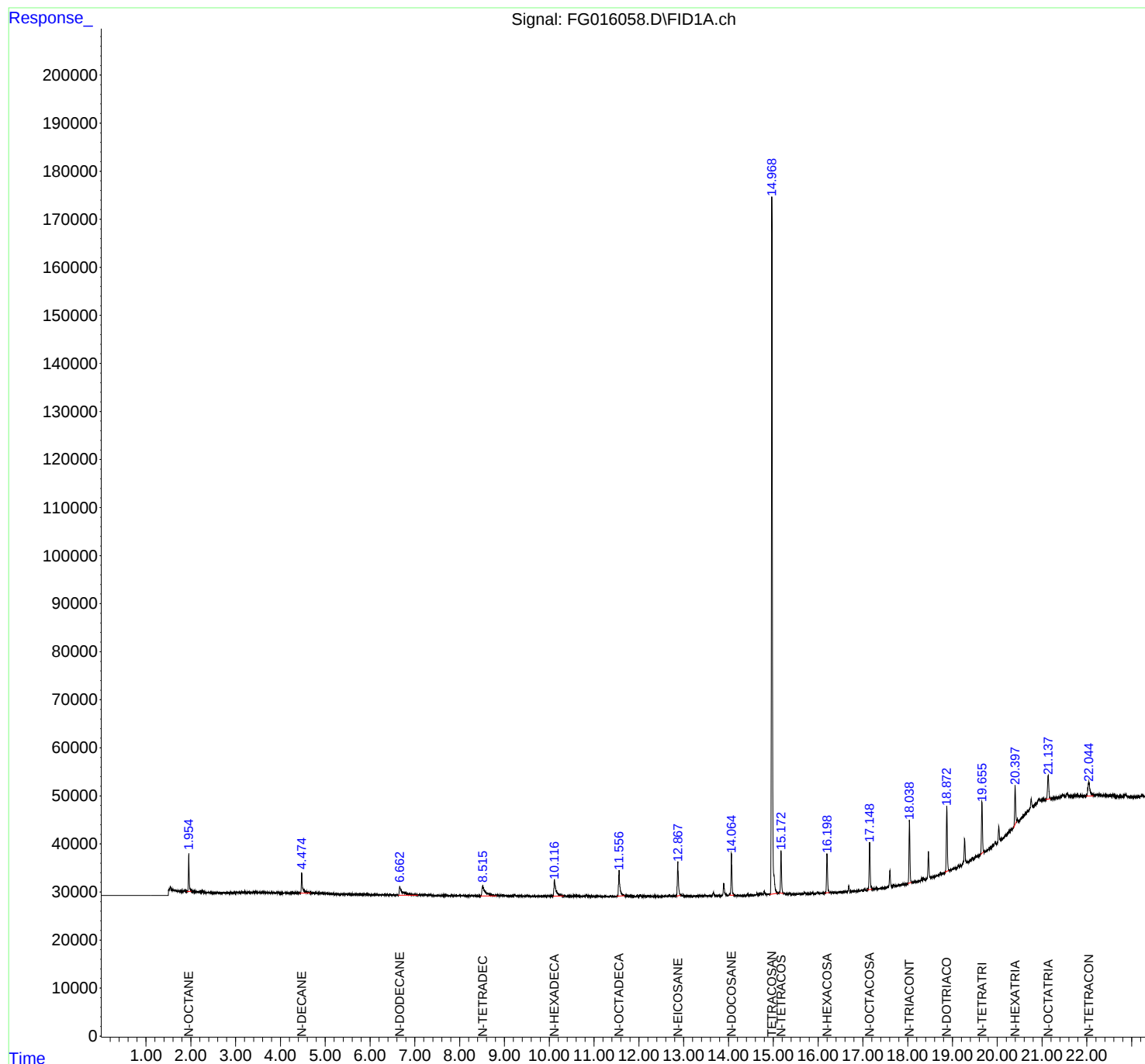
Instrument :
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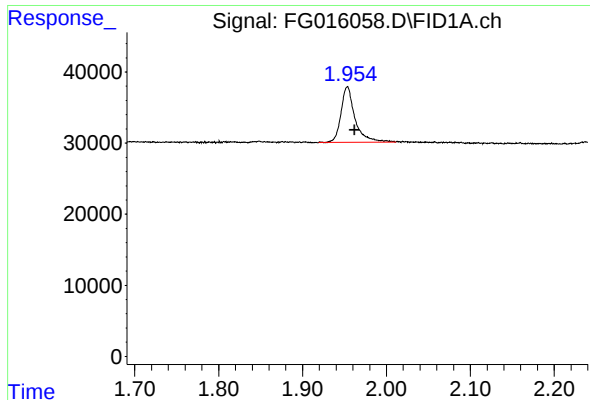
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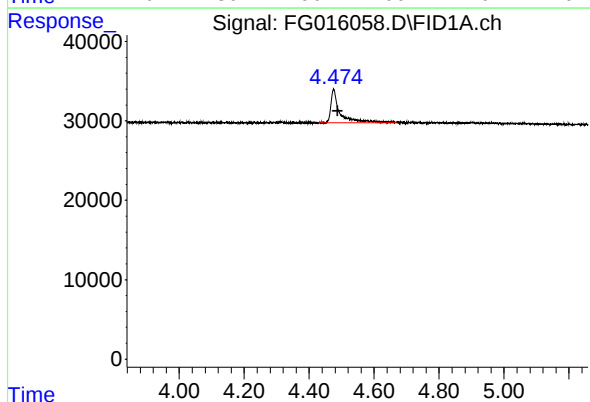
#1 N-OCTANE

R.T.: 1.953 min
Delta R.T.: -0.009 min
Response: 90977
Conc: 0.77 ug/ml

Instrument :
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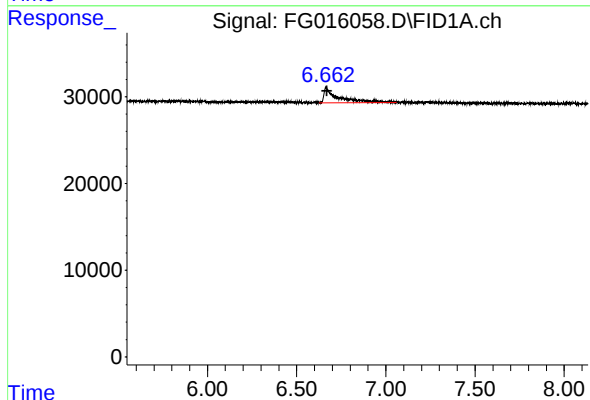
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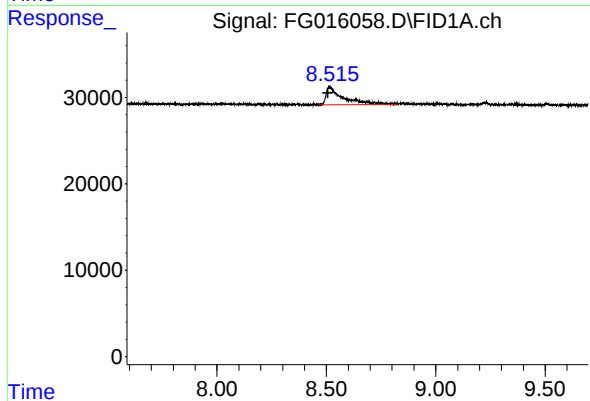
#2 N-DECANE

R.T.: 4.474 min
Delta R.T.: -0.013 min
Response: 83808
Conc: 0.71 ug/ml m



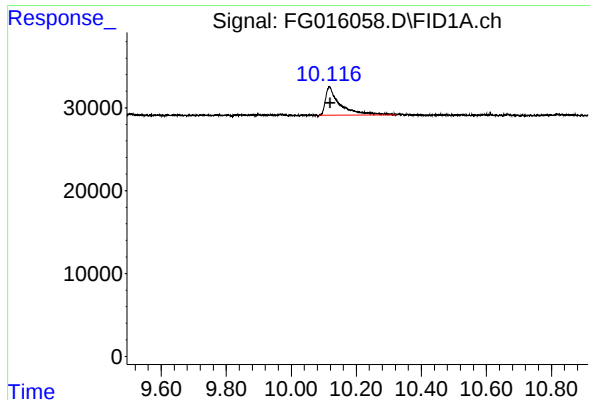
#3 N-DODECANE

R.T.: 6.662 min
Delta R.T.: -0.009 min
Response: 100914
Conc: 0.83 ug/ml m



#4 N-TETRADECANE

R.T.: 8.515 min
Delta R.T.: 0.008 min
Response: 116455
Conc: 0.91 ug/ml m



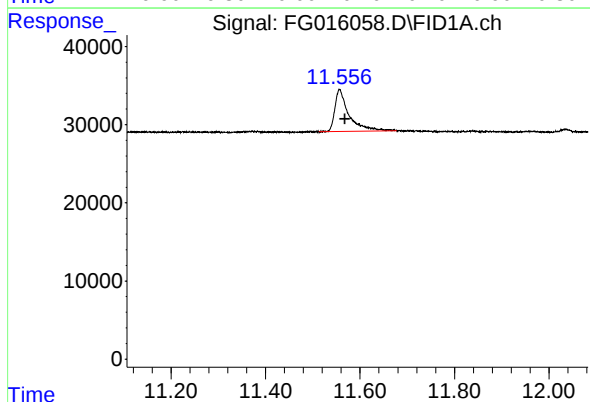
#5 N-HEXADECANE

R.T.: 10.116 min
Delta R.T.: -0.004 min
Response: 107606
Conc: 0.81 ug/ml

Instrument :
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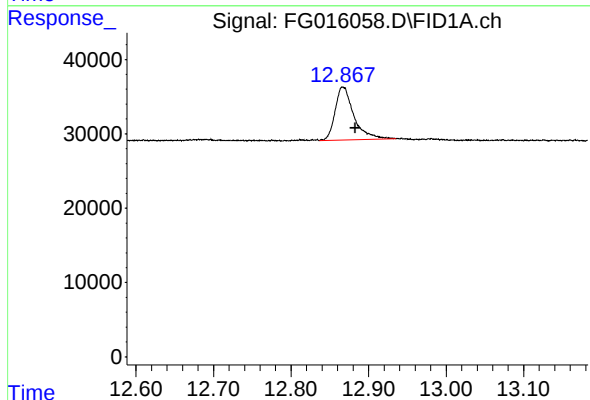
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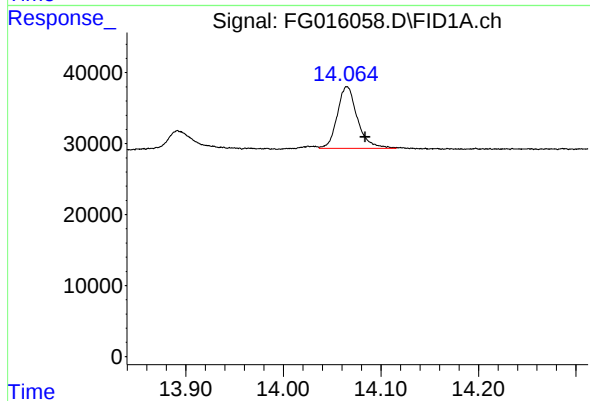
#6 N-OCTADECANE

R.T.: 11.556 min
Delta R.T.: -0.013 min
Response: 109467
Conc: 0.79 ug/ml m



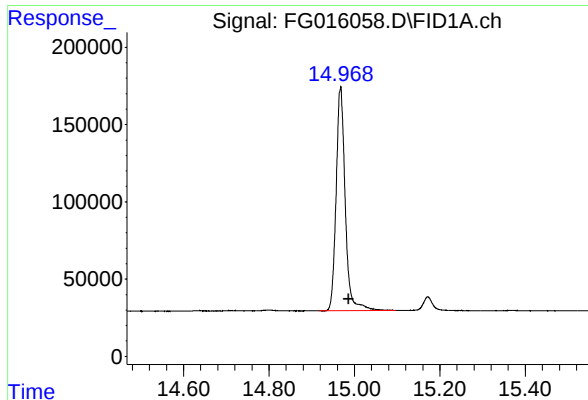
#7 N-EICOSANE

R.T.: 12.867 min
Delta R.T.: -0.016 min
Response: 119659
Conc: 0.85 ug/ml



#8 N-DOCOSANE

R.T.: 14.064 min
Delta R.T.: -0.020 min
Response: 124714
Conc: 0.91 ug/ml m



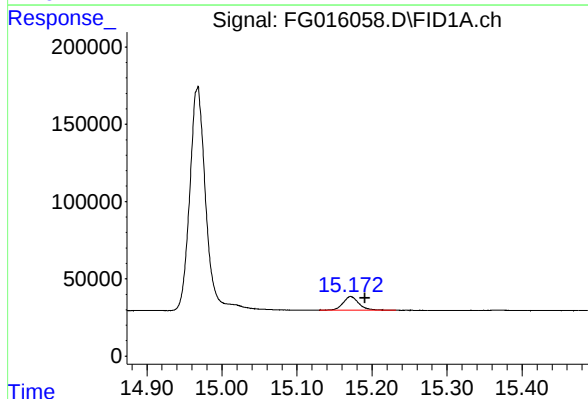
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.967 min
Delta R.T.: -0.019 min
Response: 2150074
Conc: 17.54 ug/ml

Instrument :
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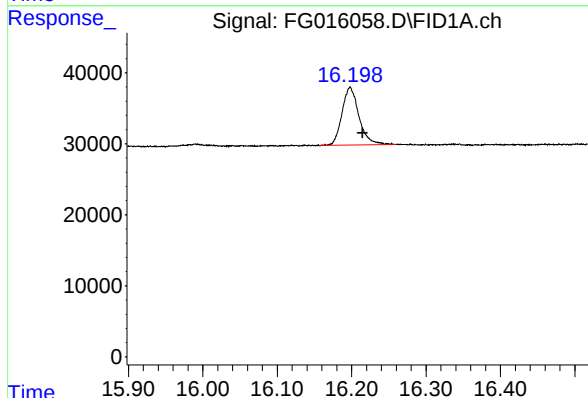
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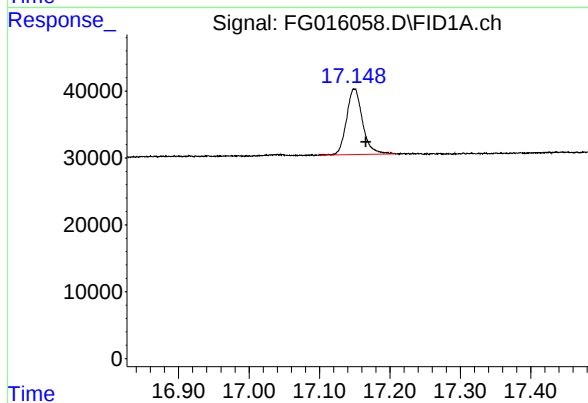
#10 N-TETRACOSANE

R.T.: 15.172 min
Delta R.T.: -0.019 min
Response: 130059
Conc: 0.95 ug/ml



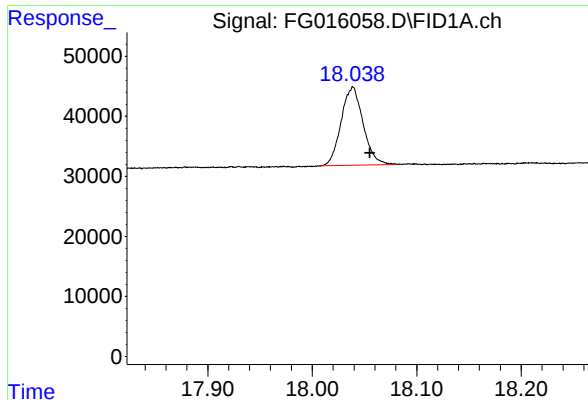
#11 N-HEXACOSANE

R.T.: 16.198 min
Delta R.T.: -0.017 min
Response: 128504
Conc: 0.95 ug/ml



#12 N-OCTACOSANE

R.T.: 17.150 min
Delta R.T.: -0.017 min
Response: 155023
Conc: 1.15 ug/ml



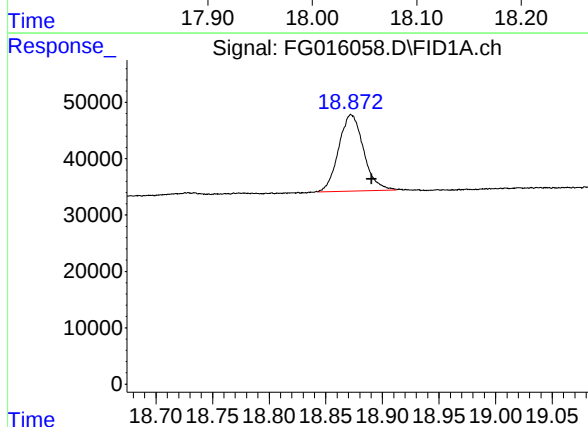
#13 N-TRIACONTANE

R.T.: 18.038 min
Delta R.T.: -0.017 min
Response: 190712
Conc: 1.40 ug/ml

Instrument :
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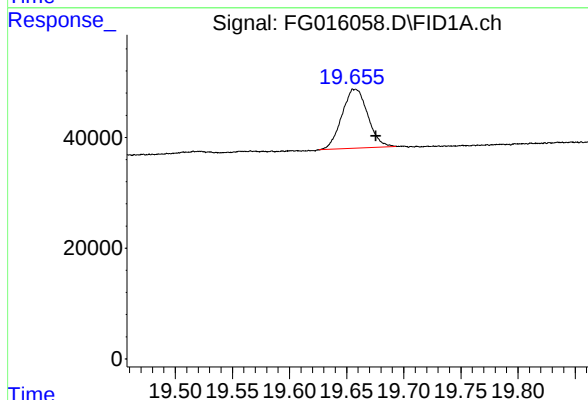
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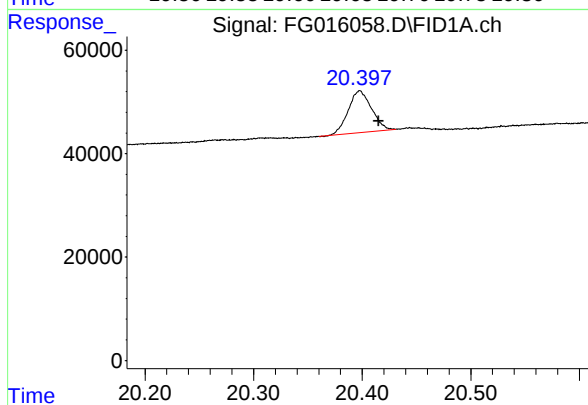
#14 N-DOTRIACONTANE

R.T.: 18.872 min
Delta R.T.: -0.019 min
Response: 206867
Conc: 1.54 ug/ml m



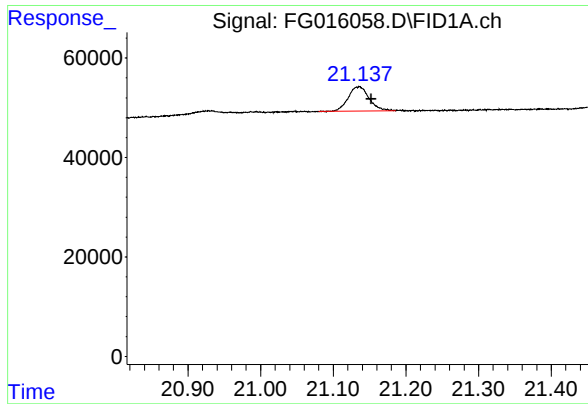
#15 N-TETRATRIACONTANE

R.T.: 19.655 min
Delta R.T.: -0.021 min
Response: 167764
Conc: 1.38 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.398 min
Delta R.T.: -0.017 min
Response: 119931
Conc: 1.12 ug/ml



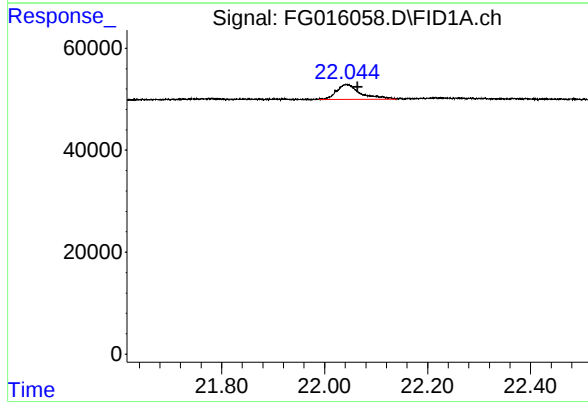
#17 N-OCTATRIACONTANE

R.T.: 21.136 min
Delta R.T.: -0.016 min
Response: 97925
Conc: 1.02 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.044 min
Delta R.T.: -0.020 min
Response: 93581
Conc: 1.06 ug/ml m