

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102425\
 Data File : FG016832.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 17:57
 Operator : YP\AJ
 Sample : Q3410-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File: Sample.e
 Quant Time: Oct 24 23:32:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100225.M
 Quant Title :
 QLast Update : Fri Oct 03 07:26:13 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...	15.149	1334731	10.877 ug/ml
Target Compounds			
1) N-OCTANE	2.087	1825265	14.157 ug/ml
2) N-DECANE	4.625	2092582	16.088 ug/ml
3) N-DODECANE	6.807	2173718	16.530 ug/ml
4) N-TETRADECANE	8.647	2023899	15.332 ug/ml
5) N-HEXADECANE	10.264	2163284	16.208 ug/ml
6) N-OCTADECANE	11.718	2299645	16.425 ug/ml
7) N-EICOSANE	13.038	2503192	17.639 ug/ml
8) N-DOCOSANE	14.245	2468706	17.813 ug/ml
10) N-TETRACOSANE	15.350	4198486	30.355 ug/ml
11) N-HEXACOSANE	16.384	2461635	18.001 ug/ml
12) N-OCTACOSANE	17.340	2589927	19.134 ug/mlm
13) N-TRIACONTANE	18.235	2461473	18.254 ug/ml
14) N-DOTRIACONTANE	19.070	2525283	19.968 ug/mlm
15) N-TETRATRIACONTANE	19.861	2886888	27.225 ug/mlm
16) N-HEXATRIACONTANE	20.604	2998865	35.926 ug/mlm
17) N-OCTATRIACONTANE	21.382	2671685	38.532 ug/mlm
18) N-TETRACONTANE	22.367	2501257	41.890 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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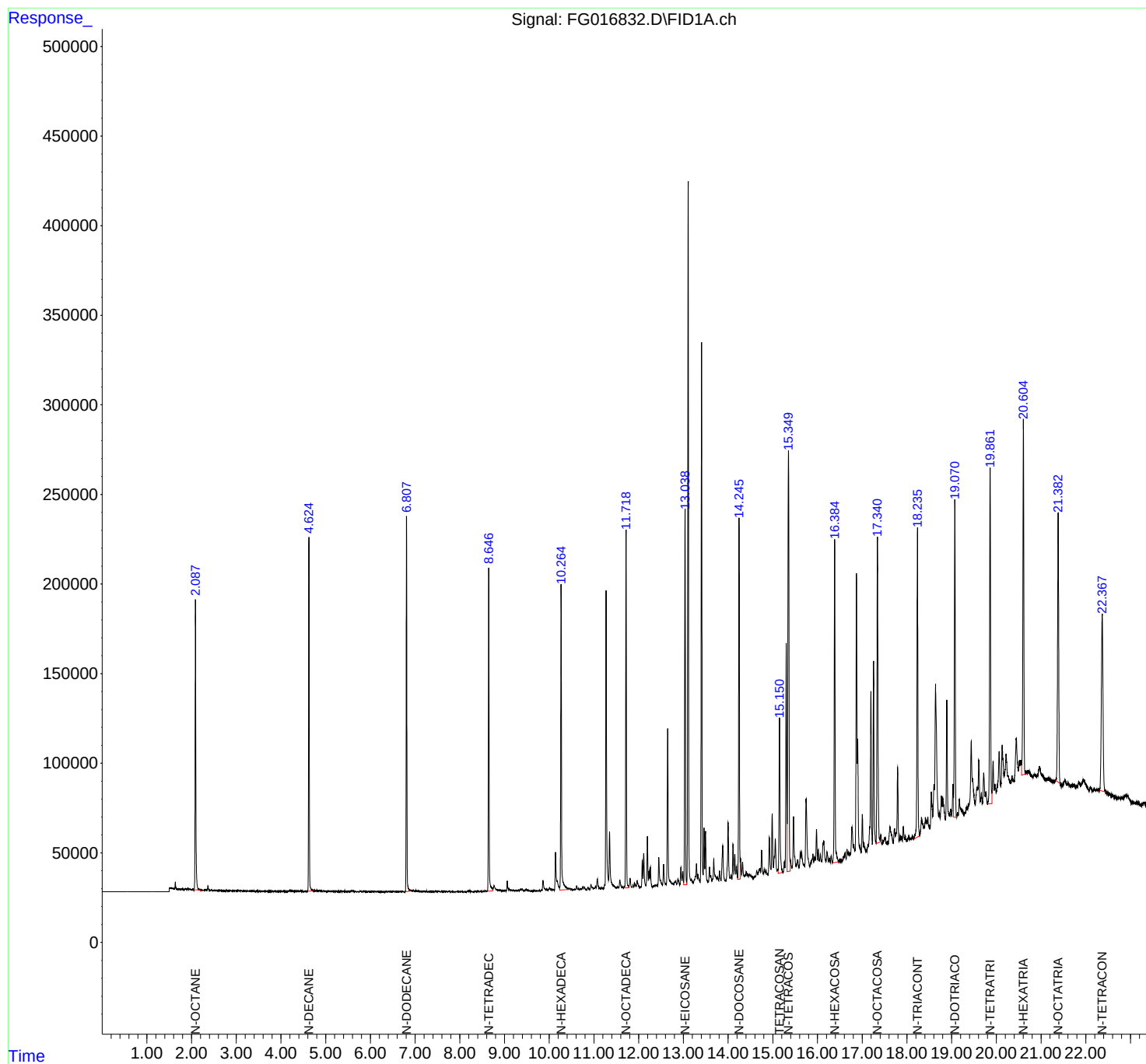
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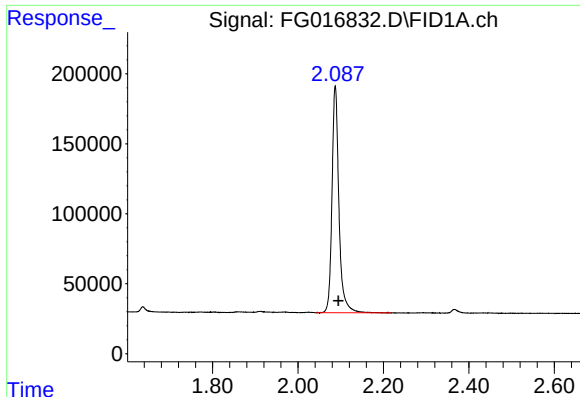
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#1 N-OCTANE

R.T.: 2.087 min
Delta R.T.: -0.008 min
Response: 1825265
Conc: 14.16 ug/ml

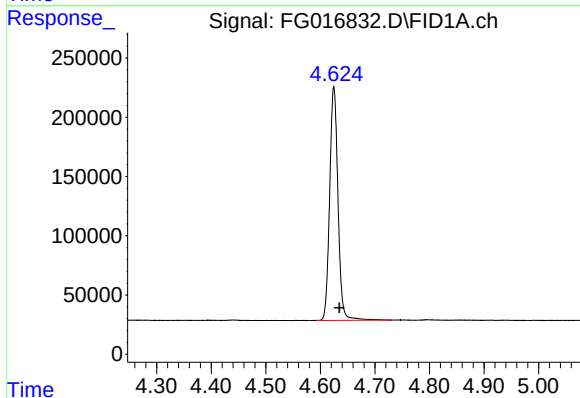
Instrument :

FID_G

ClientSampleId :
WASTEMS

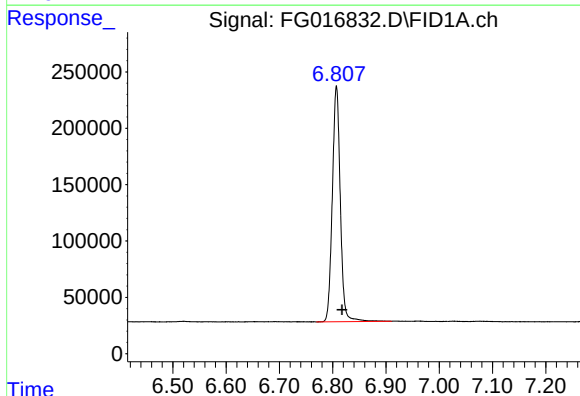
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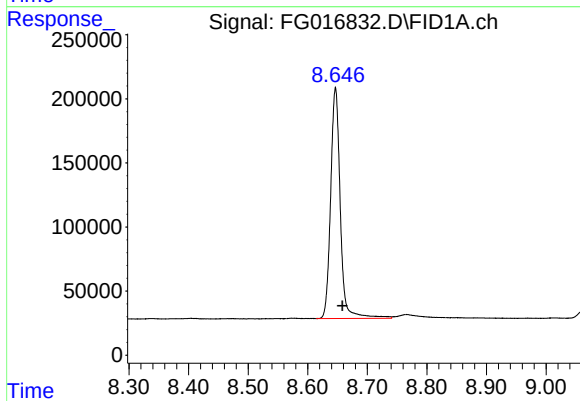
#2 N-DECANE

R.T.: 4.625 min
Delta R.T.: -0.010 min
Response: 2092582
Conc: 16.09 ug/ml



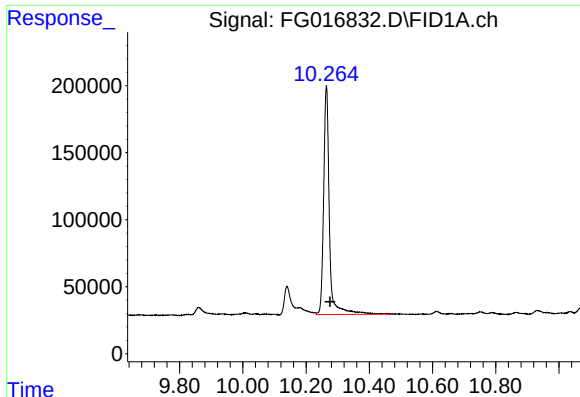
#3 N-DODECANE

R.T.: 6.807 min
Delta R.T.: -0.011 min
Response: 2173718
Conc: 16.53 ug/ml



#4 N-TETRADECANE

R.T.: 8.647 min
Delta R.T.: -0.011 min
Response: 2023899
Conc: 15.33 ug/ml



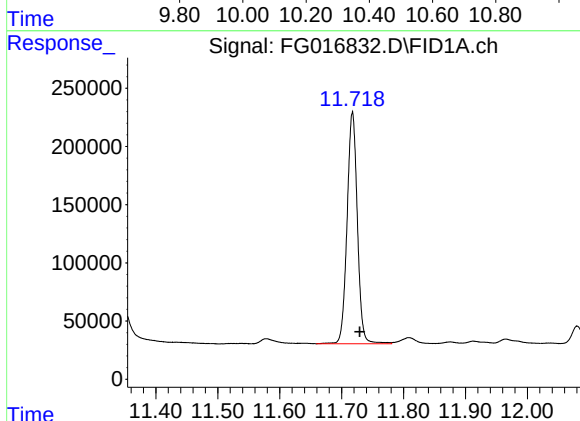
#5 N-HEXADECANE

R.T.: 10.264 min
Delta R.T.: -0.012 min
Response: 2163284
Conc: 16.21 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

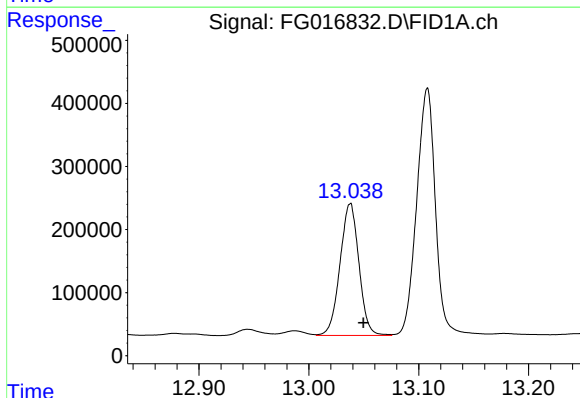
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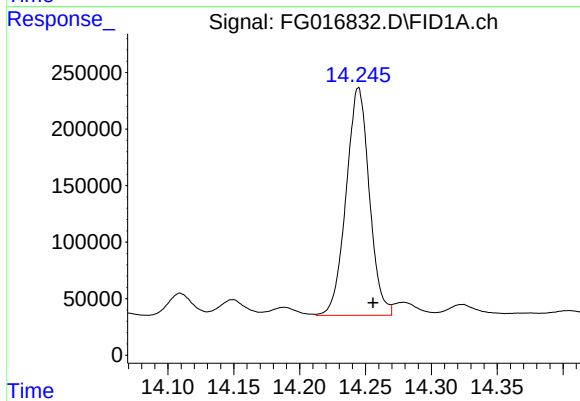
#6 N-OCTADECANE

R.T.: 11.718 min
Delta R.T.: -0.012 min
Response: 2299645
Conc: 16.42 ug/ml



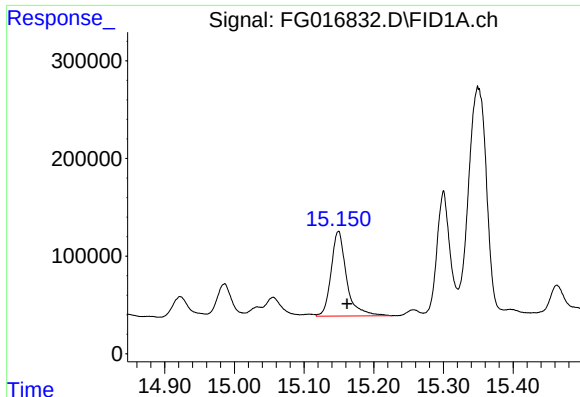
#7 N-EICOSANE

R.T.: 13.038 min
Delta R.T.: -0.012 min
Response: 2503192
Conc: 17.64 ug/ml



#8 N-DOCOSANE

R.T.: 14.245 min
Delta R.T.: -0.011 min
Response: 2468706
Conc: 17.81 ug/ml



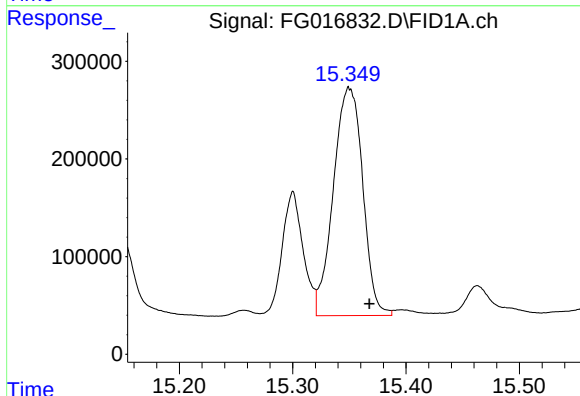
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.149 min
Delta R.T.: -0.012 min
Response: 1334731
Conc: 10.88 ug/ml

Instrument :
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ClientSampleId :
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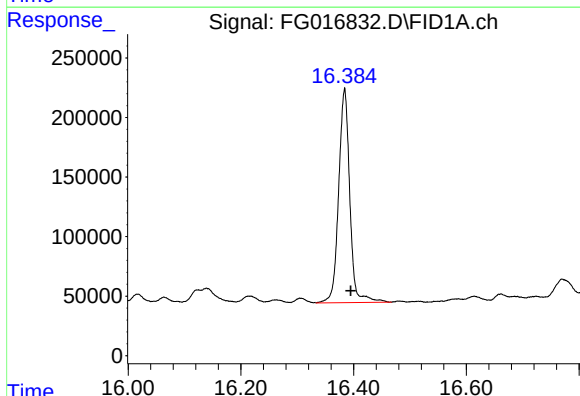
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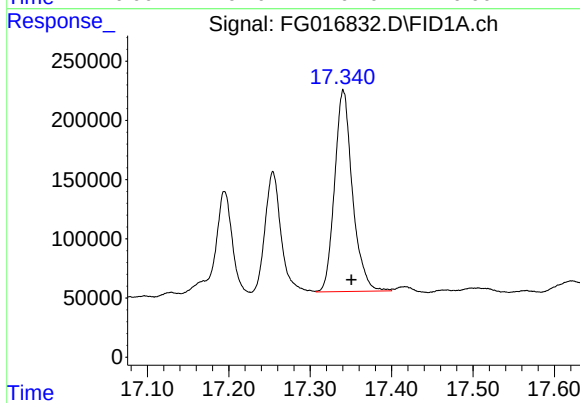
#10 N-TETRACOSANE

R.T.: 15.350 min
Delta R.T.: -0.018 min
Response: 4198486
Conc: 30.35 ug/ml



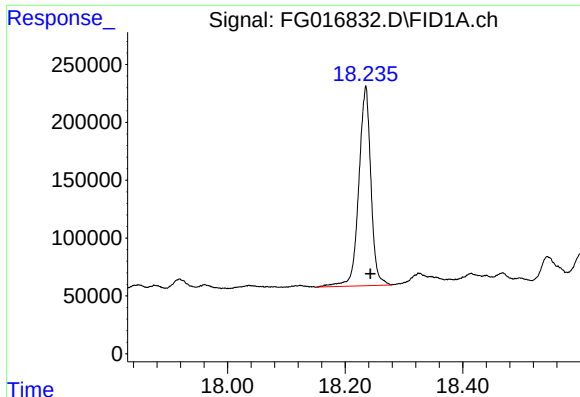
#11 N-HEXACOSANE

R.T.: 16.384 min
Delta R.T.: -0.011 min
Response: 2461635
Conc: 18.00 ug/ml



#12 N-OCTACOSANE

R.T.: 17.340 min
Delta R.T.: -0.010 min
Response: 2589927
Conc: 19.13 ug/ml m



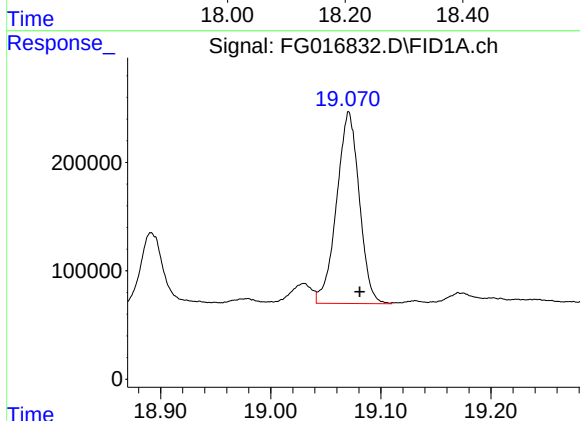
#13 N-TRIACONTANE

R.T.: 18.235 min
Delta R.T.: -0.008 min
Response: 2461473
Conc: 18.25 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

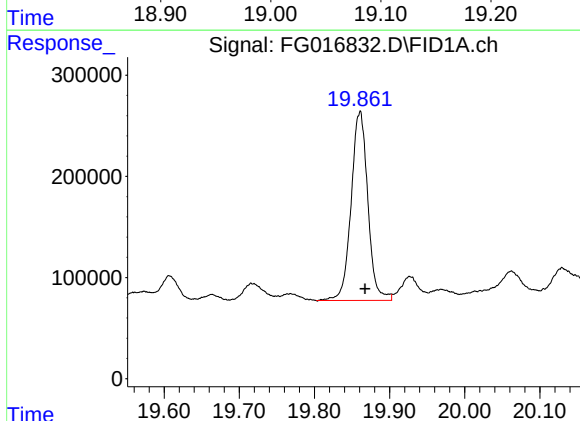
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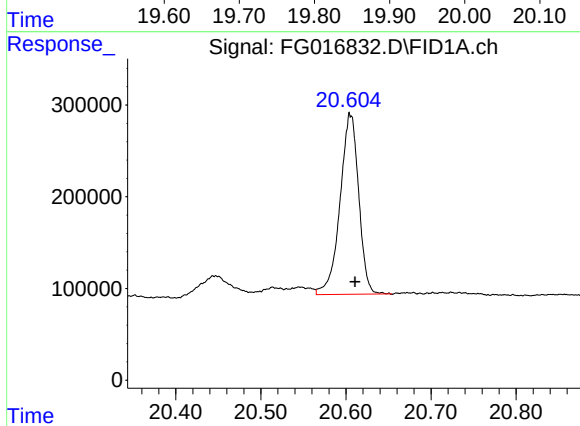
#14 N-DOTRIACONTANE

R.T.: 19.070 min
Delta R.T.: -0.011 min
Response: 2525283
Conc: 19.97 ug/ml m



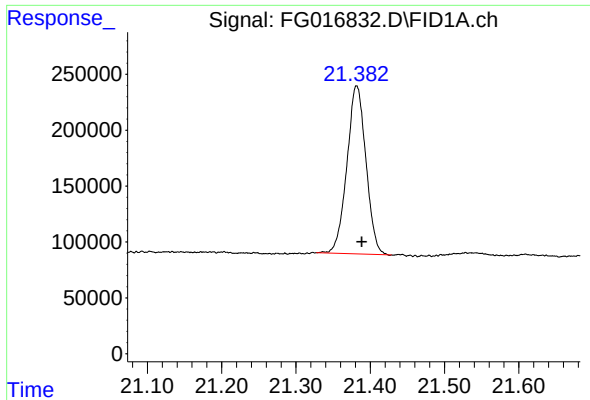
#15 N-TETRATRIACONTANE

R.T.: 19.861 min
Delta R.T.: -0.007 min
Response: 2886888
Conc: 27.23 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.604 min
Delta R.T.: -0.007 min
Response: 2998865
Conc: 35.93 ug/ml m



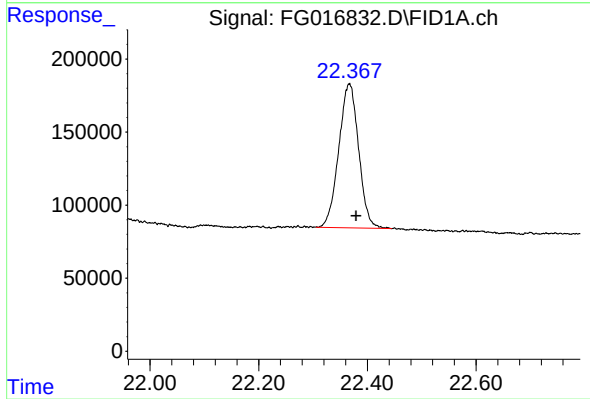
#17 N-OCTATRIACONTANE

R.T.: 21.382 min
Delta R.T.: -0.007 min
Response: 2671685
Conc: 38.53 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.367 min
Delta R.T.: -0.012 min
Response: 2501257
Conc: 41.89 ug/ml