

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090425\
 Data File : FG016539.D
 Signal(s) : FID1A.ch
 Acq On : 04 Sep 2025 10:08
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/05/2025
 Supervised By :mohammad ahmed 09/08/2025

Integration File: Sample.e
 Quant Time: Sep 05 03:44:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Thu Sep 04 10:24:25 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...	15.178	5538478	58.132 ug/mlm
Target Compounds			
1) N-OCTANE	2.103	5899087	55.589 ug/ml
2) N-DECANE	4.649	6218955	57.548 ug/ml
3) N-DODECANE	6.832	6295179	57.925 ug/ml
4) N-TETRADECANE	8.672	6382528	58.373 ug/ml
5) N-HEXADECANE	10.291	6345025	58.373 ug/ml
6) N-OCTADECANE	11.745	6468112	58.474 ug/ml
7) N-EICOSANE	13.064	6597392	58.371 ug/ml
8) N-DOCOSANE	14.272	6389370	58.159 ug/ml
10) N-TETRACOSANE	15.383	6372084	58.154 ug/ml
11) N-HEXACOSANE	16.411	6170163	57.693 ug/ml
12) N-OCTACOSANE	17.368	6207306	57.618 ug/ml
13) N-TRIACONTANE	18.261	6226567	57.146 ug/ml
14) N-DOTRIACONTANE	19.099	6027378	57.223 ug/ml
15) N-TETRATRIACONTANE	19.887	5391143	56.578 ug/ml
16) N-HEXATRIACONTANE	20.631	4392947	58.792 ug/mlm
17) N-OCTATRIACONTANE	21.413	3590038	59.876 ug/mlm
18) N-TETRACONTANE	22.408	3031633	72.127 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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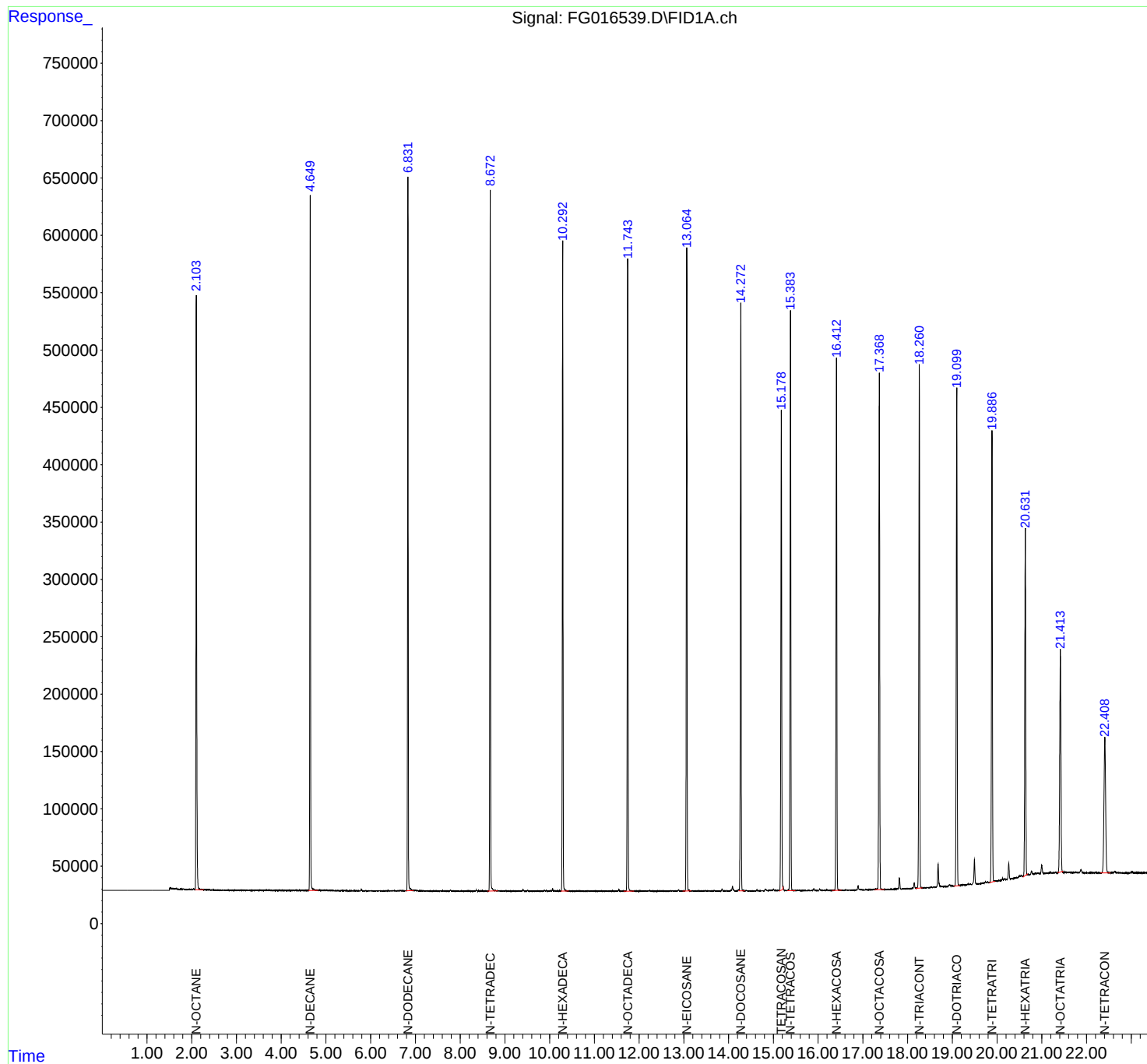
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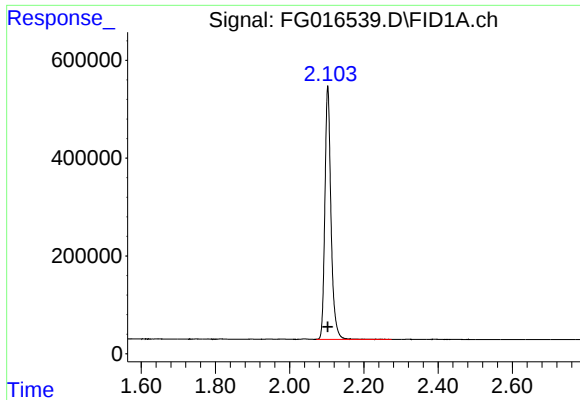
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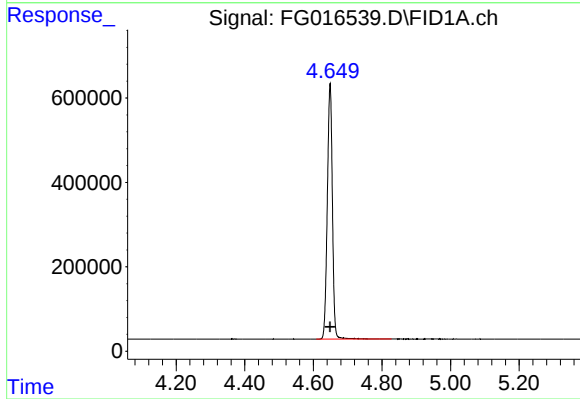
#1 N-OCTANE

R.T.: 2.103 min
Delta R.T.: 0.000 min
Response: 5899087
Conc: 55.59 ug/ml

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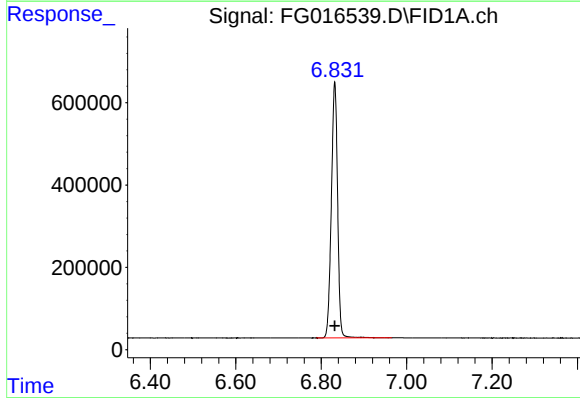
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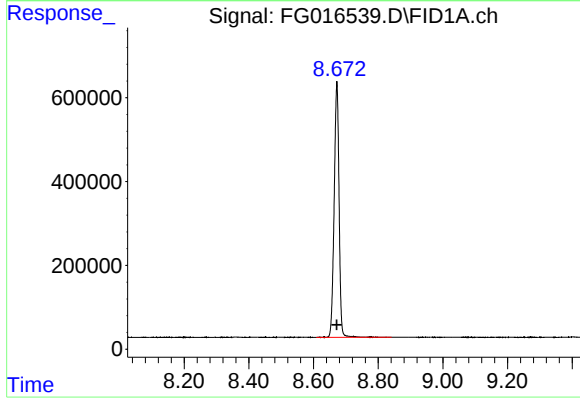
#2 N-DECANE

R.T.: 4.649 min
Delta R.T.: 0.000 min
Response: 6218955
Conc: 57.55 ug/ml



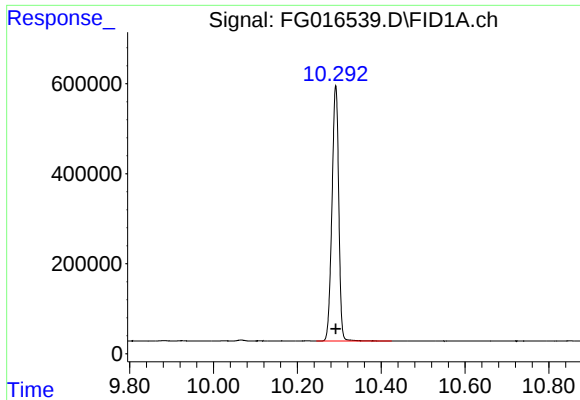
#3 N-DODECANE

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 6295179
Conc: 57.93 ug/ml



#4 N-TETRADECANE

R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 6382528
Conc: 58.37 ug/ml



#5 N-HEXADECANE

R.T.: 10.291 min
Delta R.T.: 0.000 min
Response: 6345025
Conc: 58.37 ug/ml

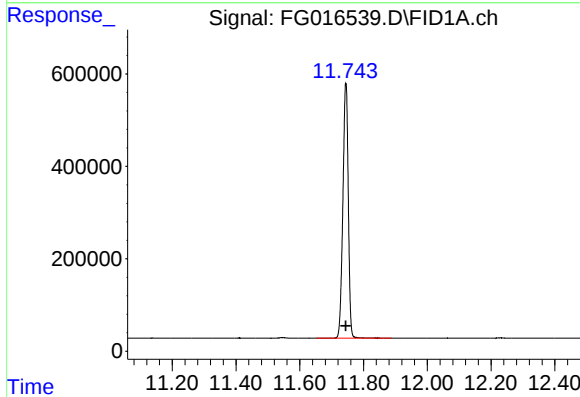
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

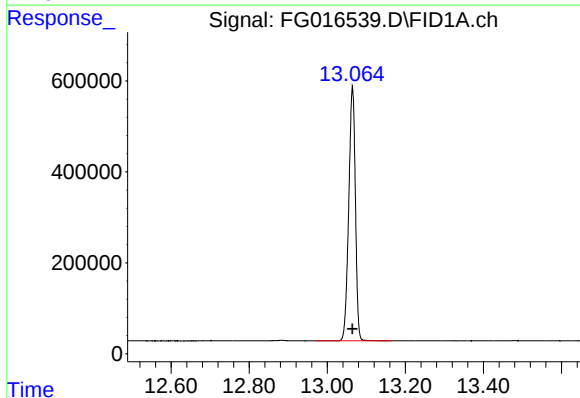
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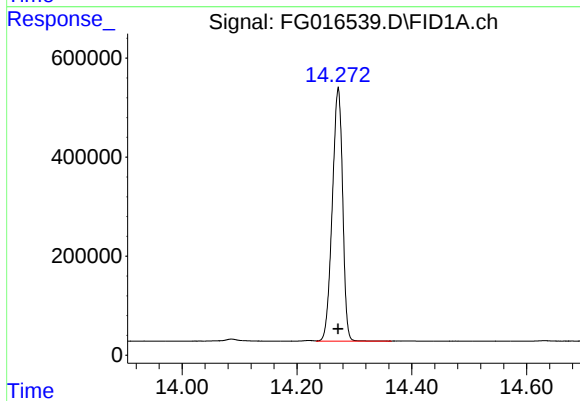
#6 N-OCTADECANE

R.T.: 11.745 min
Delta R.T.: 0.000 min
Response: 6468112
Conc: 58.47 ug/ml



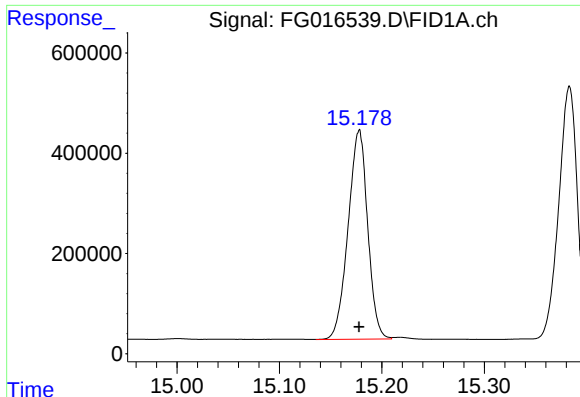
#7 N-EICOSANE

R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 6597392
Conc: 58.37 ug/ml



#8 N-DOCOSANE

R.T.: 14.272 min
Delta R.T.: 0.000 min
Response: 6389370
Conc: 58.16 ug/ml



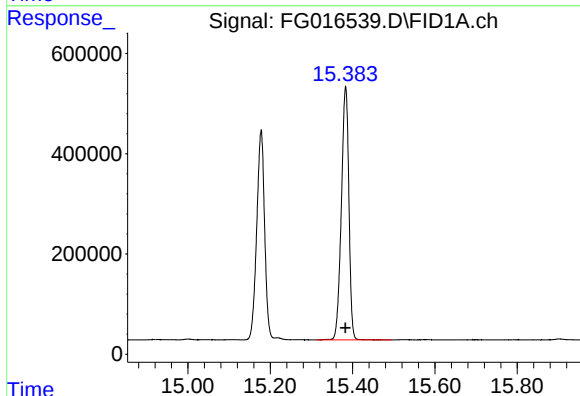
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.178 min
Delta R.T.: 0.000 min
Response: 5538478
Conc: 58.13 ug/ml

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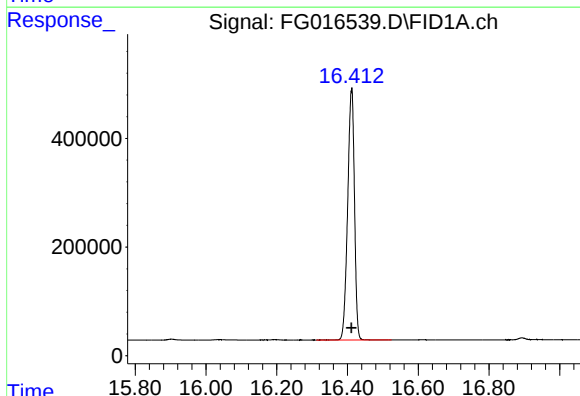
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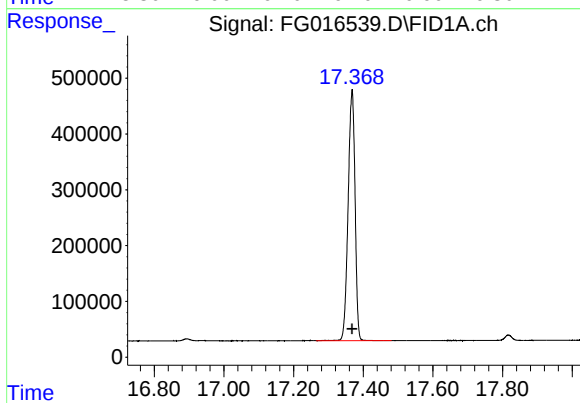
#10 N-TETRACOSANE

R.T.: 15.383 min
Delta R.T.: 0.000 min
Response: 6372084
Conc: 58.15 ug/ml



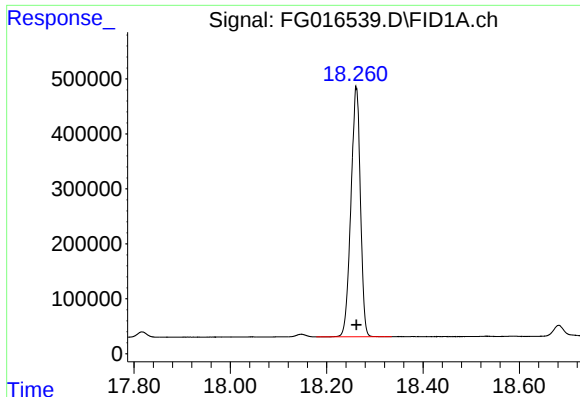
#11 N-HEXACOSANE

R.T.: 16.411 min
Delta R.T.: 0.000 min
Response: 6170163
Conc: 57.69 ug/ml



#12 N-OCTACOSANE

R.T.: 17.368 min
Delta R.T.: 0.000 min
Response: 6207306
Conc: 57.62 ug/ml



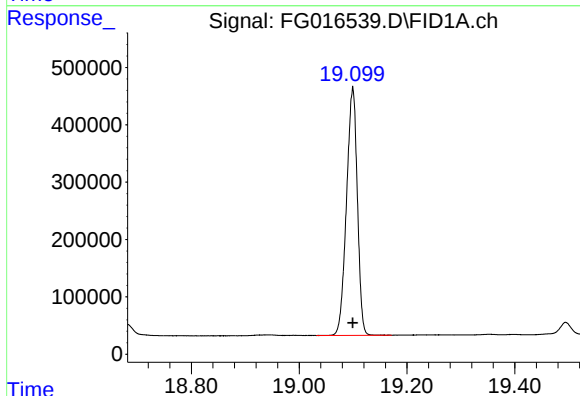
#13 N-TRIACONTANE

R.T.: 18.261 min
Delta R.T.: 0.000 min
Response: 6226567
Conc: 57.15 ug/ml

Instrument :
FID_G
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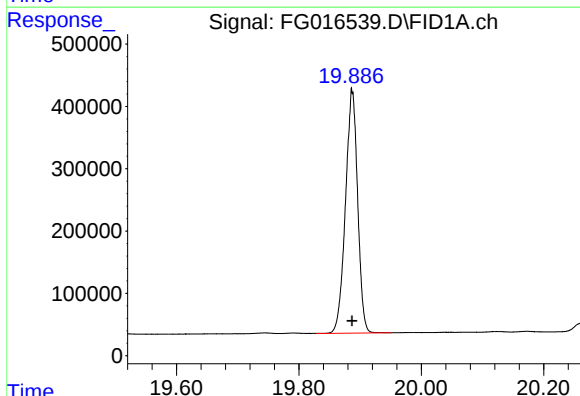
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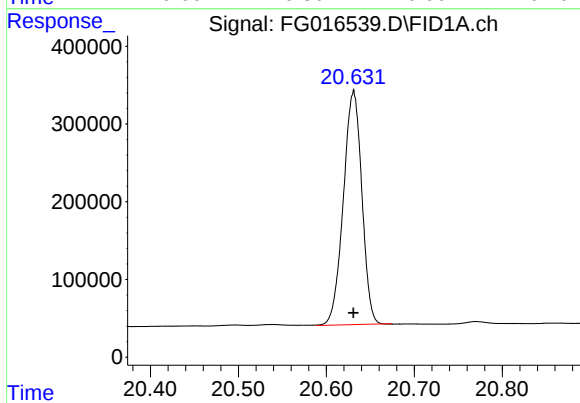
#14 N-DOTRIACONTANE

R.T.: 19.099 min
Delta R.T.: 0.000 min
Response: 6027378
Conc: 57.22 ug/ml



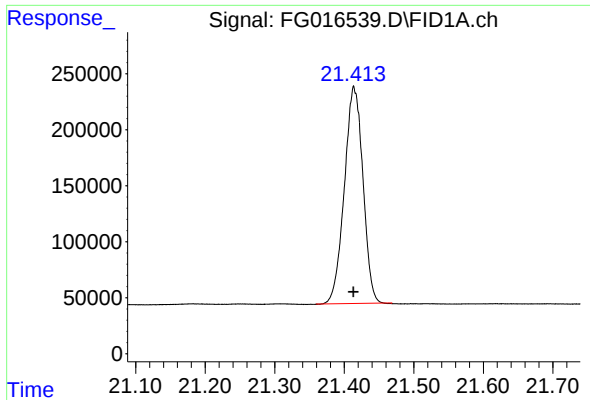
#15 N-TETRATRIACONTANE

R.T.: 19.887 min
Delta R.T.: 0.000 min
Response: 5391143
Conc: 56.58 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.631 min
Delta R.T.: 0.000 min
Response: 4392947
Conc: 58.79 ug/ml m



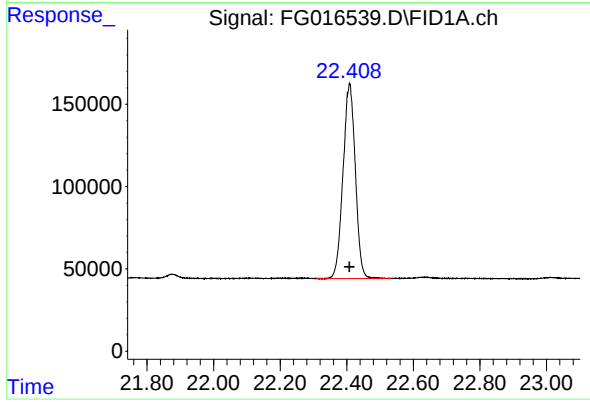
#17 N-OCTATRIACONTANE

R.T.: 21.413 min
Delta R.T.: 0.000 min
Response: 3590038
Conc: 59.88 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.408 min
Delta R.T.: 0.000 min
Response: 3031633
Conc: 72.13 ug/ml