

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090425\
 Data File : FG016550.D
 Signal(s) : FID1A.ch
 Acq On : 04 Sep 2025 16:45
 Operator : YP\AJ
 Sample : Q2998-01MSD
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-05-082925MSD

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 03:48:28 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...	15.189	1246018	13.078 ug/ml
Target Compounds			
1) N-OCTANE	2.104	1756447	16.552 ug/ml
2) N-DECANE	4.652	2033996	18.822 ug/ml
3) N-DODECANE	6.836	2190628	20.157 ug/mlm
4) N-TETRADECANE	8.679	2704646	24.736 ug/mlm
5) N-HEXADECANE	10.298	3289965	30.267 ug/mlm
6) N-OCTADECANE	11.754	3519084	31.814 ug/mlm
7) N-EICOSANE	13.075	3711002	32.833 ug/ml
8) N-DOCOSANE	14.283	2835544	25.811 ug/ml
10) N-TETRACOSANE	15.391	3890124	35.503 ug/ml
11) N-HEXACOSANE	16.427	2181265	20.396 ug/mlm
12) N-OCTACOSANE	17.385	2966038	27.532 ug/ml
13) N-TRIACONTANE	18.282	3035708	27.861 ug/ml
14) N-DOTRIACONTANE	19.121	2409053	22.871 ug/mlm
15) N-TETRATRIACONTANE	19.915	2069626	21.720 ug/ml
16) N-HEXATRIACONTANE	20.662	1560649	20.887 ug/ml
17) N-OCTATRIACONTANE	21.459	1534604	25.595 ug/mlm
18) N-TETRACONTANE	22.475f	1726687	41.080 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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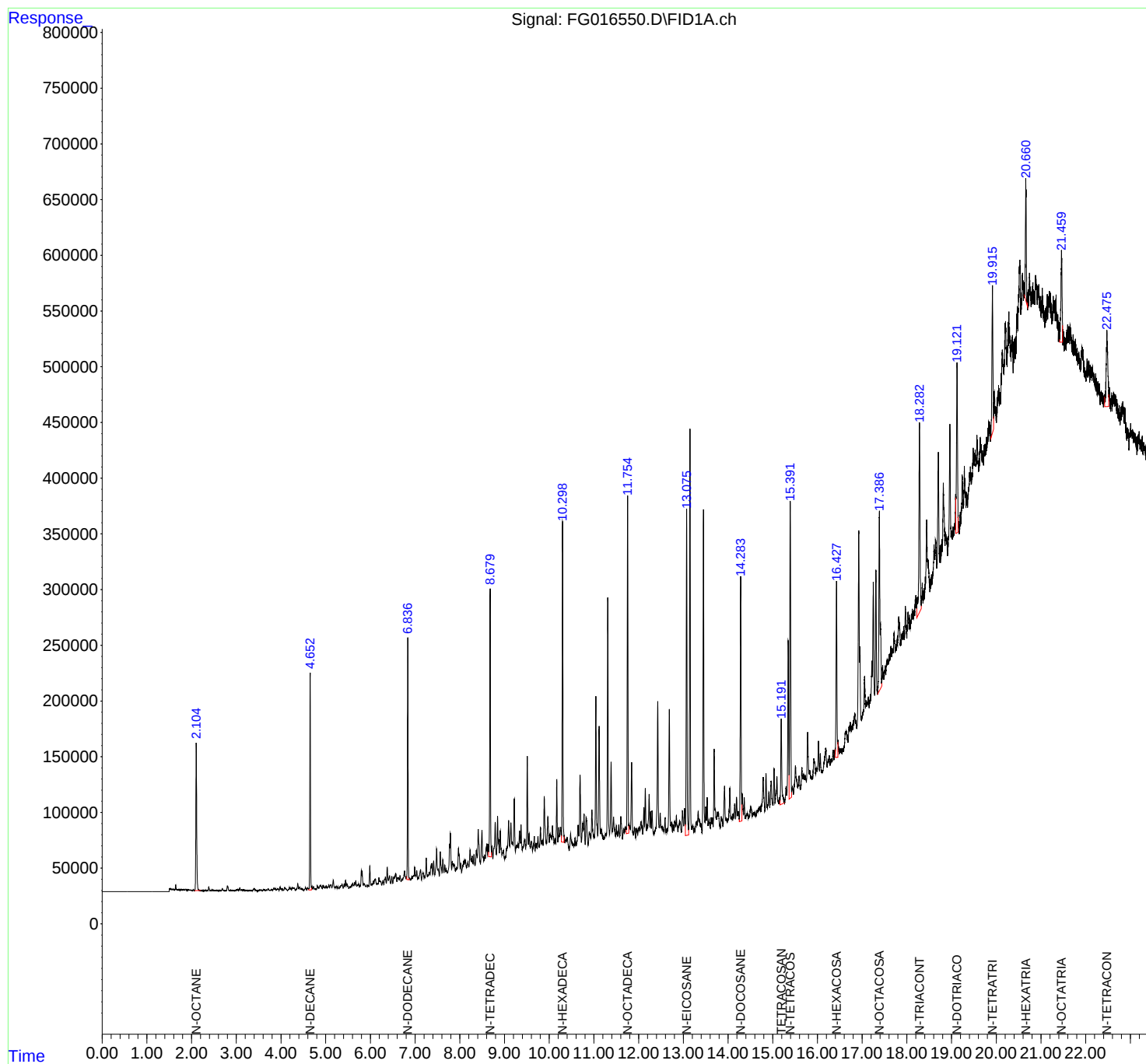
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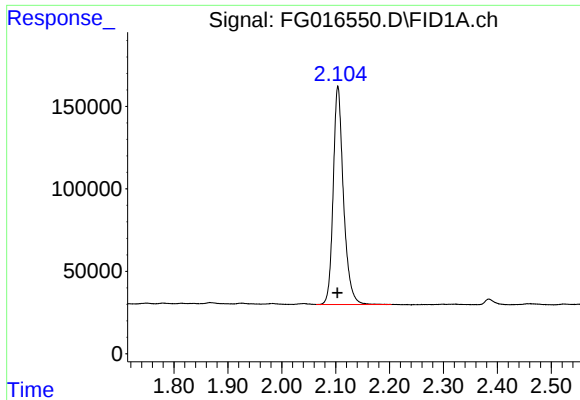
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Signal Info : 20mx0.18mmx0.18um





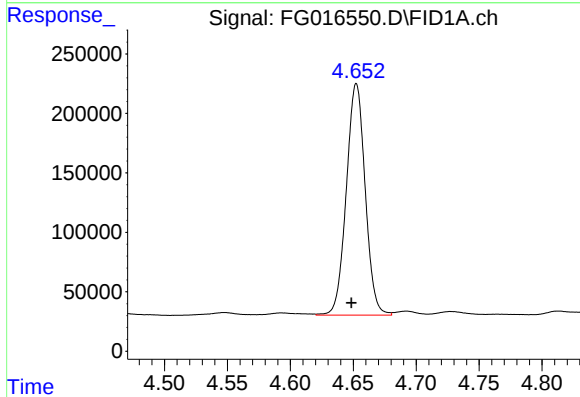
#1 N-OCTANE

R.T.: 2.104 min
Delta R.T.: 0.001 min
Response: 1756447
Conc: 16.55 ug/ml

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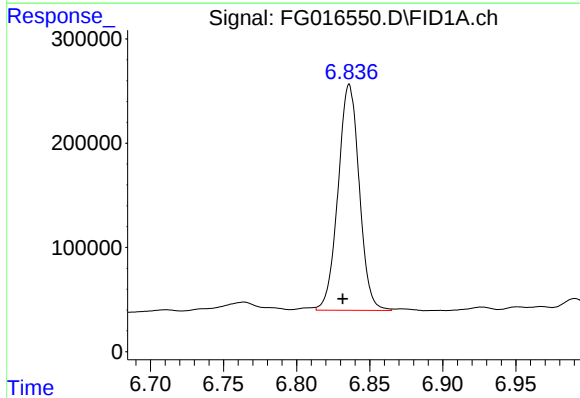
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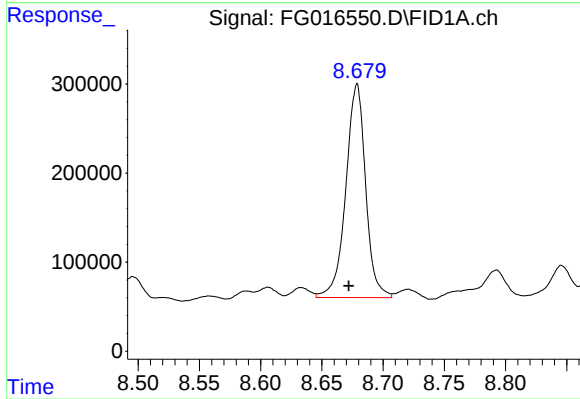
#2 N-DECANE

R.T.: 4.652 min
Delta R.T.: 0.004 min
Response: 2033996
Conc: 18.82 ug/ml



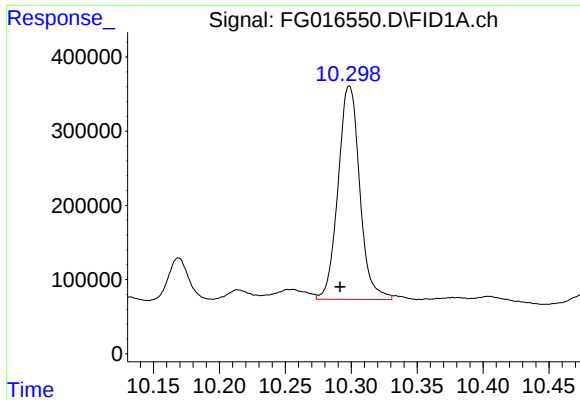
#3 N-DODECANE

R.T.: 6.836 min
Delta R.T.: 0.004 min
Response: 2190628
Conc: 20.16 ug/ml m



#4 N-TETRADECANE

R.T.: 8.679 min
Delta R.T.: 0.007 min
Response: 2704646
Conc: 24.74 ug/ml m



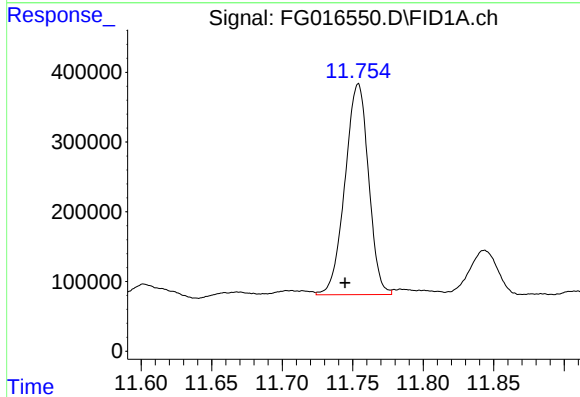
#5 N-HEXADECANE

R.T.: 10.298 min
Delta R.T.: 0.007 min
Response: 3289965
Conc: 30.27 ug/ml

Instrument :
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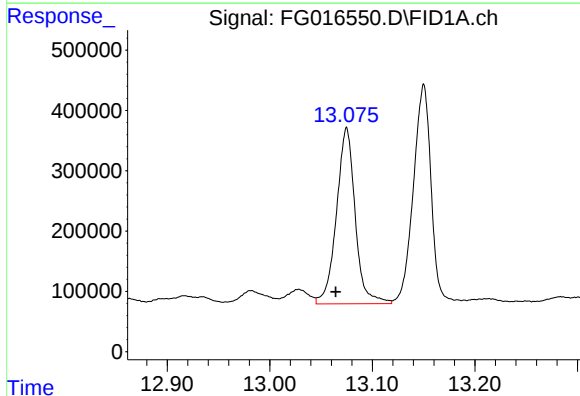
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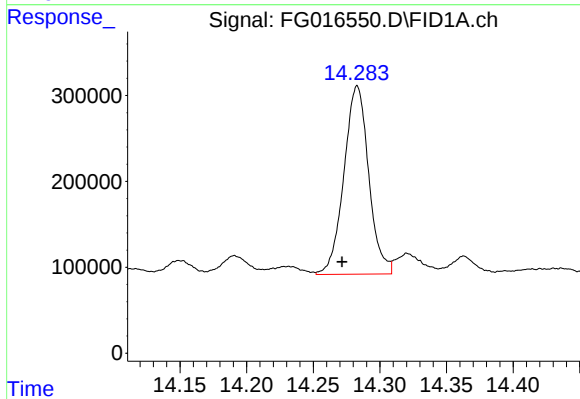
#6 N-OCTADECANE

R.T.: 11.754 min
Delta R.T.: 0.009 min
Response: 3519084
Conc: 31.81 ug/ml m



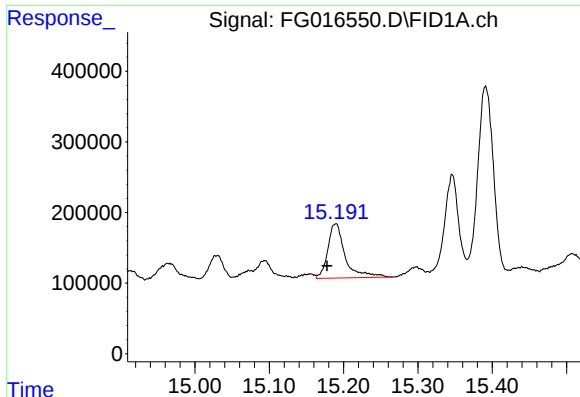
#7 N-EICOSANE

R.T.: 13.075 min
Delta R.T.: 0.010 min
Response: 3711002
Conc: 32.83 ug/ml



#8 N-DOCOSANE

R.T.: 14.283 min
Delta R.T.: 0.011 min
Response: 2835544
Conc: 25.81 ug/ml



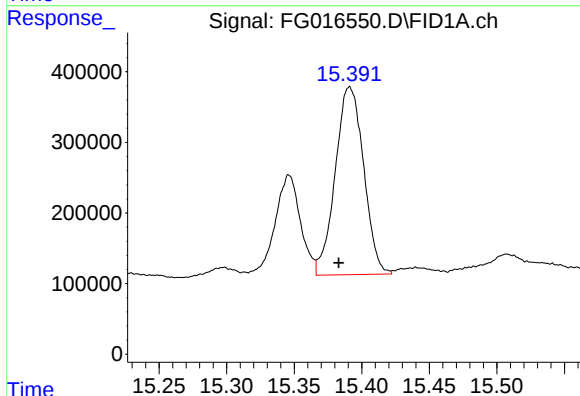
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.189 min
Delta R.T.: 0.012 min
Response: 1246018
Conc: 13.08 ug/ml

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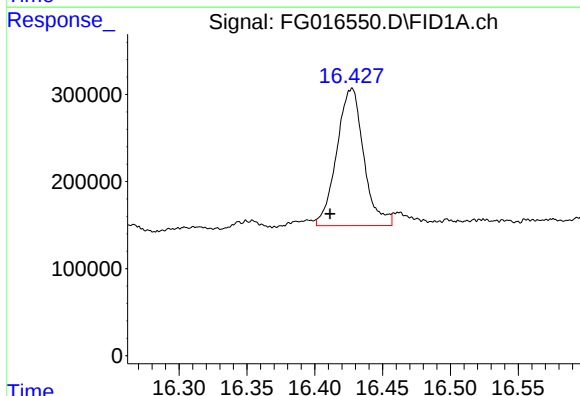
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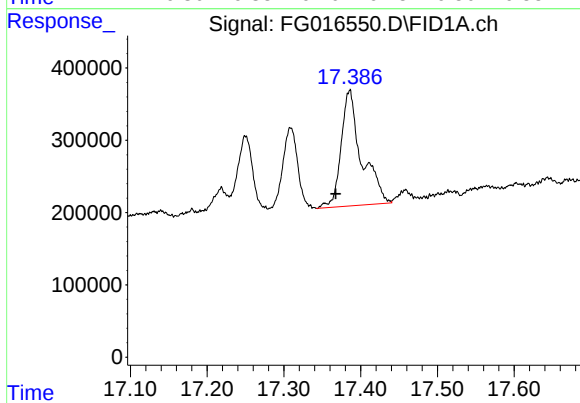
#10 N-TETRACOSANE

R.T.: 15.391 min
Delta R.T.: 0.008 min
Response: 3890124
Conc: 35.50 ug/ml



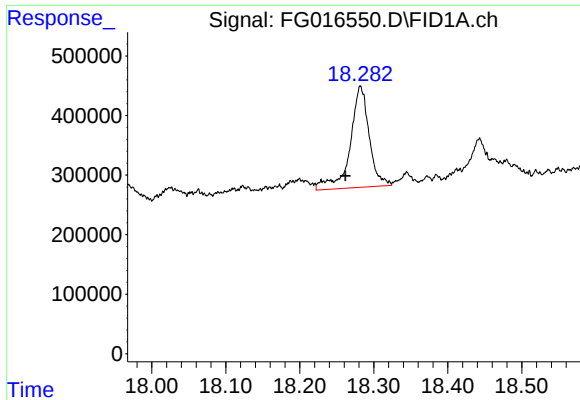
#11 N-HEXACOSANE

R.T.: 16.427 min
Delta R.T.: 0.016 min
Response: 2181265
Conc: 20.40 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.385 min
Delta R.T.: 0.018 min
Response: 2966038
Conc: 27.53 ug/ml



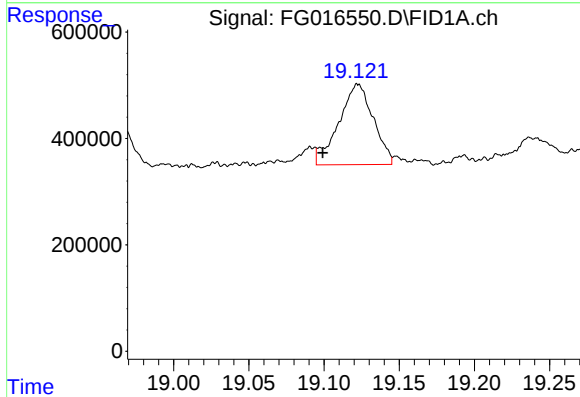
#13 N-TRIACONTANE

R.T.: 18.282 min
Delta R.T.: 0.021 min
Response: 3035708
Conc: 27.86 ug/ml

Instrument :
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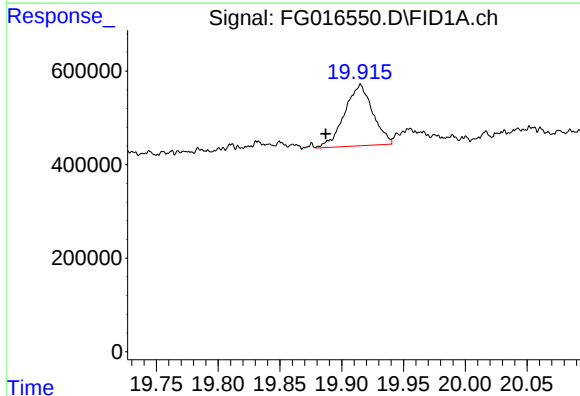
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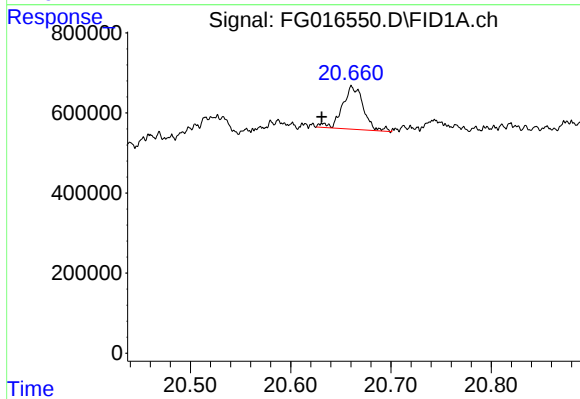
#14 N-DOTRIACONTANE

R.T.: 19.121 min
Delta R.T.: 0.022 min
Response: 2409053
Conc: 22.87 ug/ml m



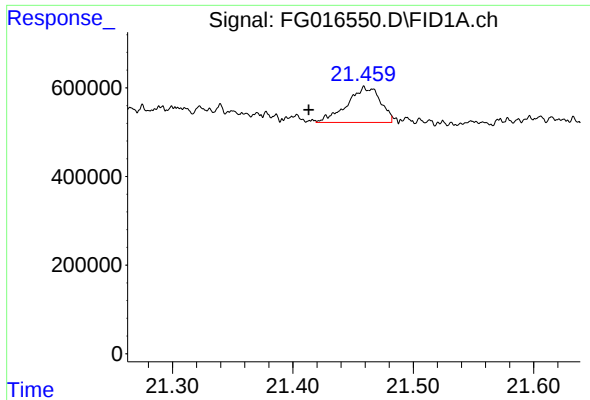
#15 N-TETRATRIACONTANE

R.T.: 19.915 min
Delta R.T.: 0.028 min
Response: 2069626
Conc: 21.72 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.662 min
Delta R.T.: 0.032 min
Response: 1560649
Conc: 20.89 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.459 min
Delta R.T.: 0.045 min
Response: 1534604
Conc: 25.59 ug/ml

Instrument :

FID_G

ClientSampleId :

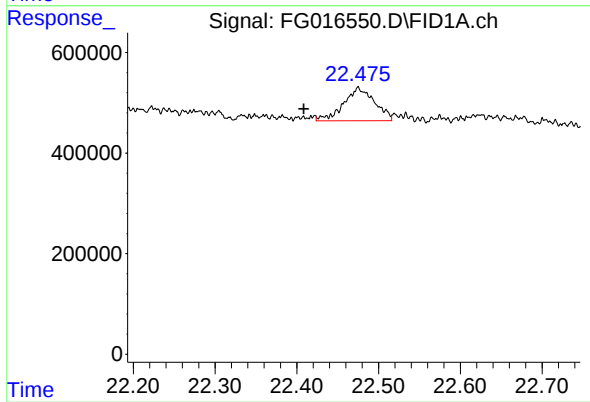
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#18 N-TETRACONTANE

R.T.: 22.475 min
Delta R.T.: 0.067 min
Response: 1726687
Conc: 41.08 ug/ml m