

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090425\
 Data File : FG016549.D
 Signal(s) : FID1A.ch
 Acq On : 04 Sep 2025 16:15
 Operator : YP\AJ
 Sample : Q2998-01MS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-05-082925MS

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 03:48:05 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...	15.183	1083490	11.372 ug/mlm
Target Compounds			
1) N-OCTANE	2.103	1760418	16.589 ug/ml
2) N-DECANE	4.649	2039418	18.872 ug/ml
3) N-DODECANE	6.832	2201640	20.258 ug/mlm
4) N-TETRADECANE	8.674	2714969	24.831 ug/mlm
5) N-HEXADECANE	10.294	3355759	30.872 ug/mlm
6) N-OCTADECANE	11.749	3614680	32.678 ug/mlm
7) N-EICOSANE	13.069	3757247	33.242 ug/ml
8) N-DOCOSANE	14.277	2883214	26.245 ug/ml
10) N-TETRACOSANE	15.383	4029450	36.775 ug/ml
11) N-HEXACOSANE	16.419	2209360	20.658 ug/mlm
12) N-OCTACOSANE	17.379	3155004	29.286 ug/ml
13) N-TRIACONTANE	18.275	2559464	23.490 ug/mlm
14) N-DOTRIACONTANE	19.115	2261078	21.466 ug/mlm
15) N-TETRATRIACONTANE	19.907	1936244	20.320 ug/ml
16) N-HEXATRIACONTANE	20.656	1632106	21.843 ug/mlm
17) N-OCTATRIACONTANE	21.449	1518384	25.324 ug/ml
18) N-TETRACONTANE	22.467	1661872	39.538 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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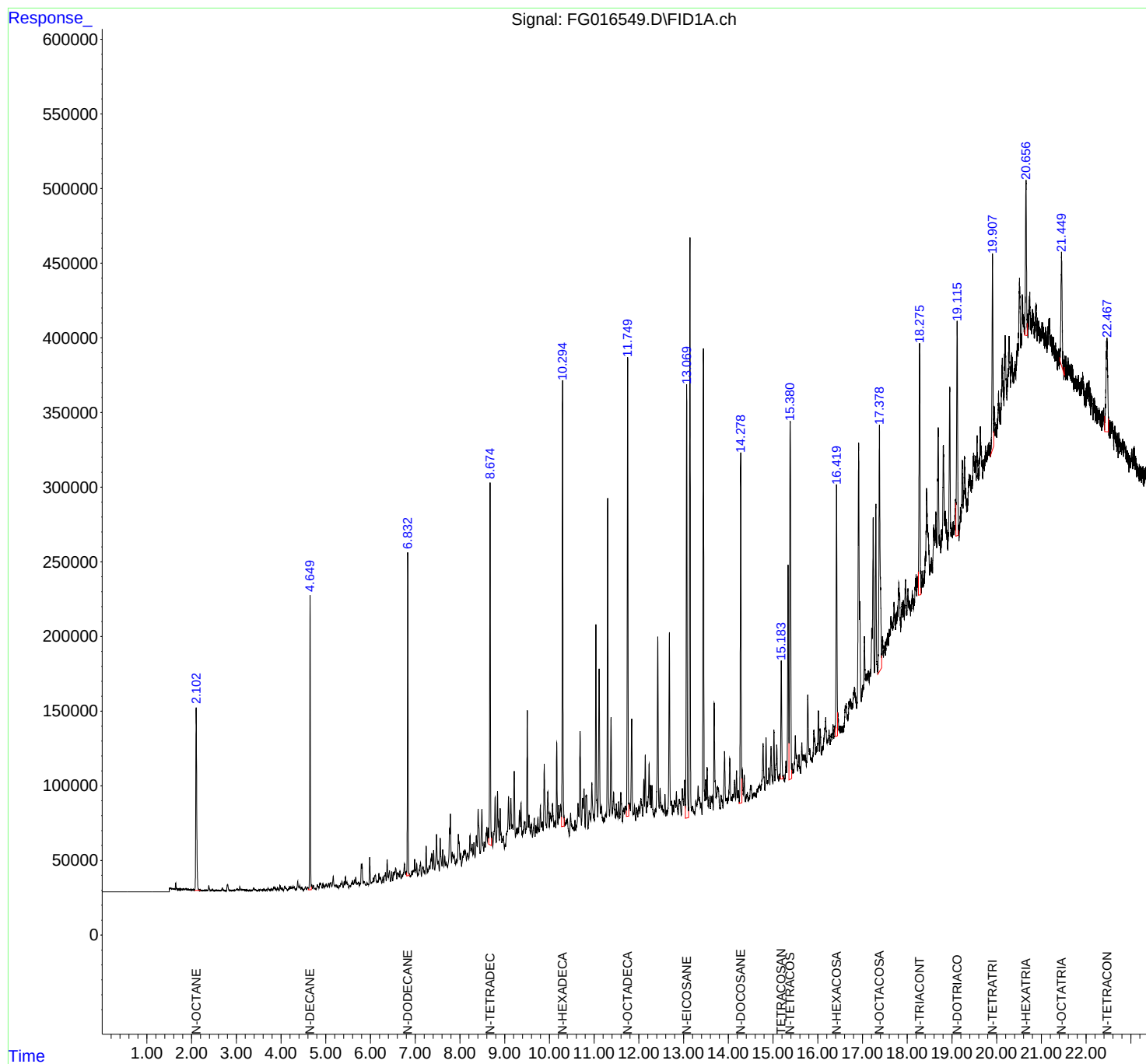
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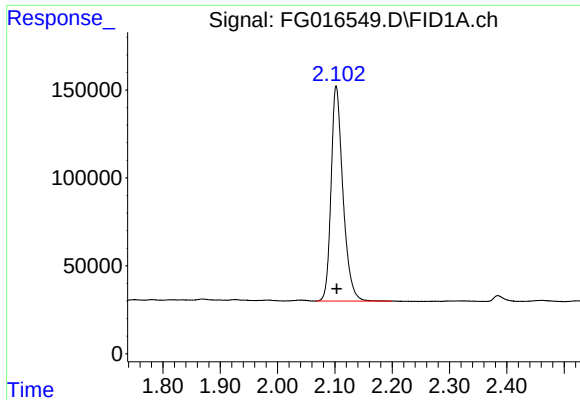
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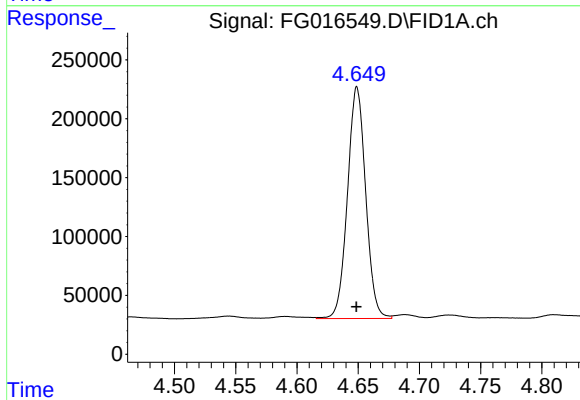
#1 N-OCTANE

R.T.: 2.103 min
Delta R.T.: 0.000 min
Response: 1760418
Conc: 16.59 ug/ml

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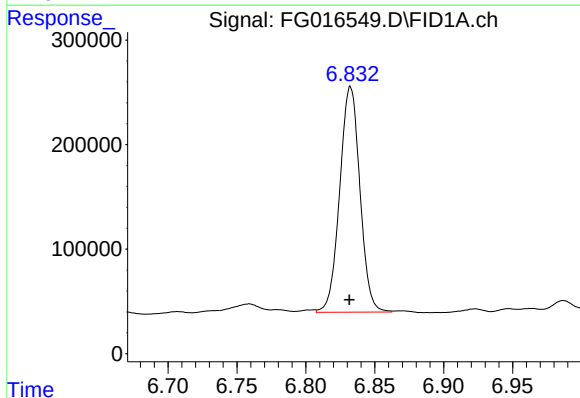
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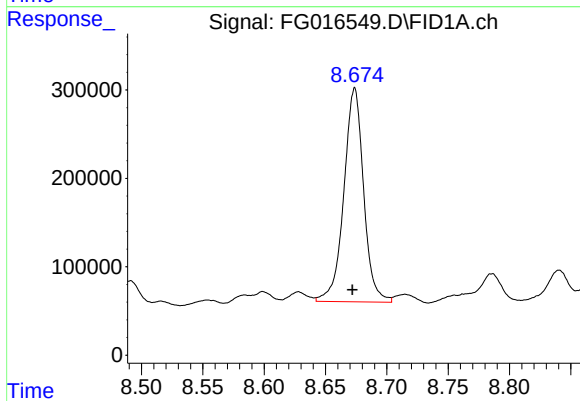
#2 N-DECANE

R.T.: 4.649 min
Delta R.T.: 0.000 min
Response: 2039418
Conc: 18.87 ug/ml



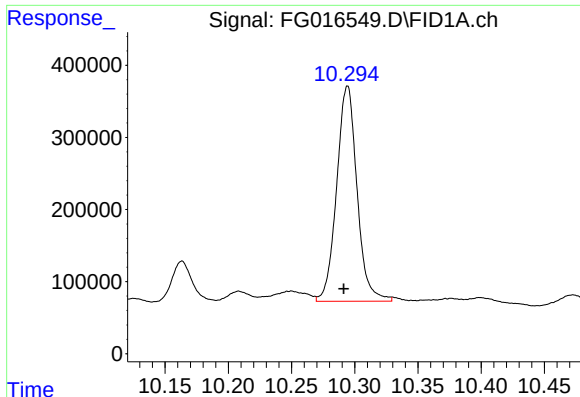
#3 N-DODECANE

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 2201640
Conc: 20.26 ug/ml m



#4 N-TETRADECANE

R.T.: 8.674 min
Delta R.T.: 0.002 min
Response: 2714969
Conc: 24.83 ug/ml m



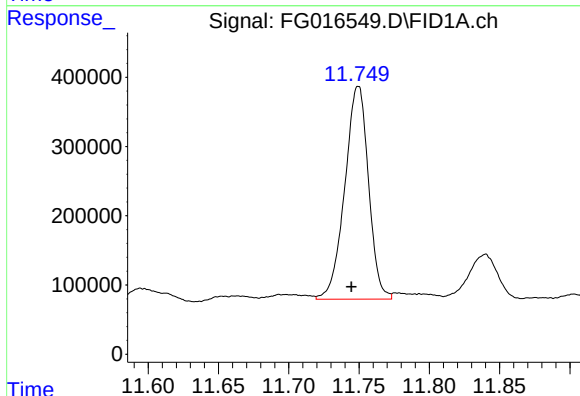
#5 N-HEXADECANE

R.T.: 10.294 min
Delta R.T.: 0.002 min
Response: 3355759
Conc: 30.87 ug/ml

Instrument :
FID_G
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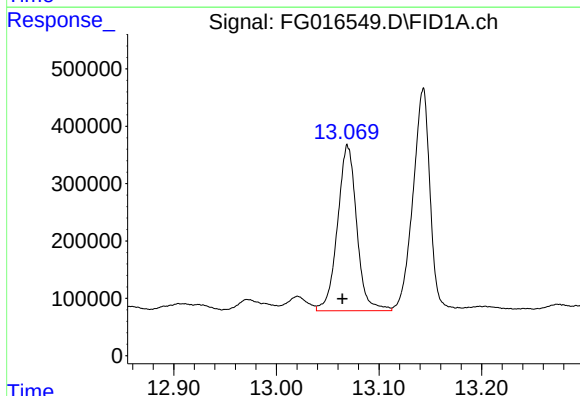
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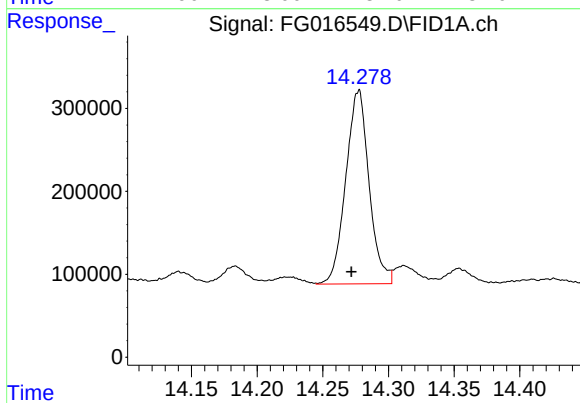
#6 N-OCTADECANE

R.T.: 11.749 min
Delta R.T.: 0.004 min
Response: 3614680
Conc: 32.68 ug/ml m



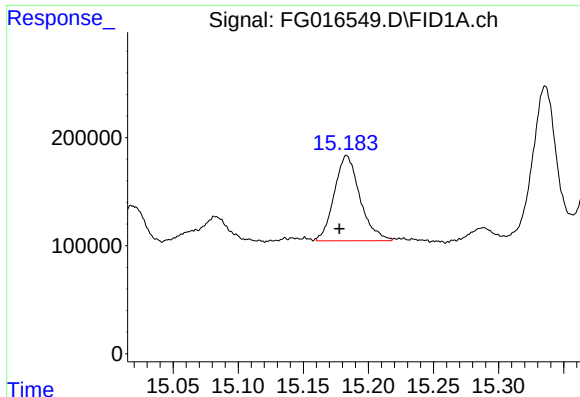
#7 N-EICOSANE

R.T.: 13.069 min
Delta R.T.: 0.005 min
Response: 3757247
Conc: 33.24 ug/ml



#8 N-DOCOSANE

R.T.: 14.277 min
Delta R.T.: 0.005 min
Response: 2883214
Conc: 26.24 ug/ml



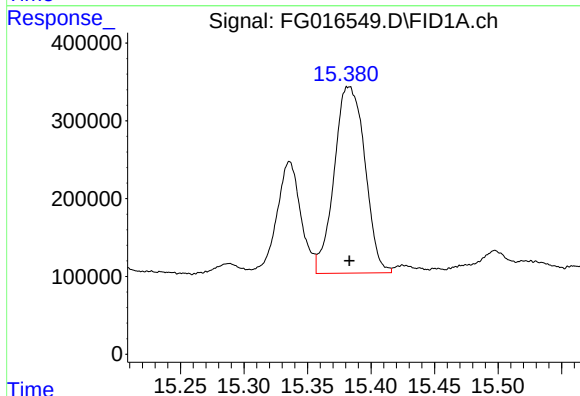
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.183 min
Delta R.T.: 0.005 min
Response: 1083490
Conc: 11.37 ug/ml

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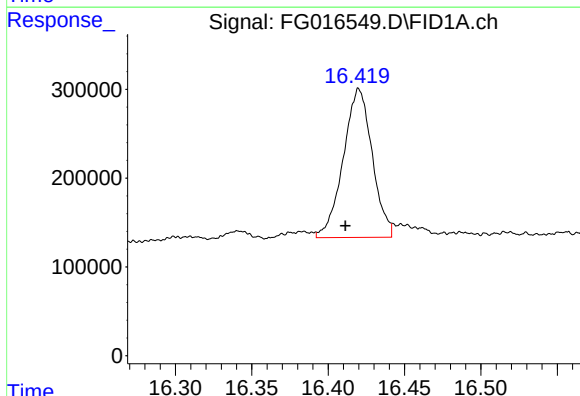
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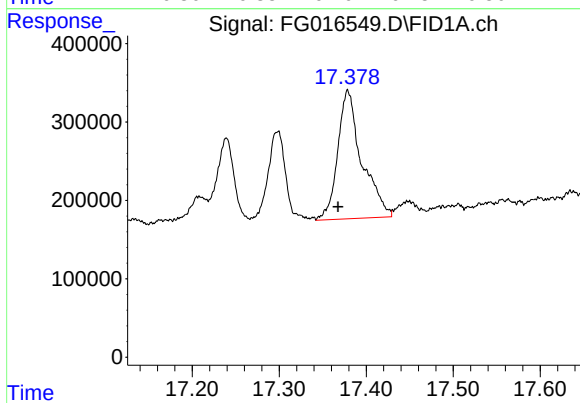
#10 N-TETRACOSANE

R.T.: 15.383 min
Delta R.T.: 0.000 min
Response: 4029450
Conc: 36.77 ug/ml



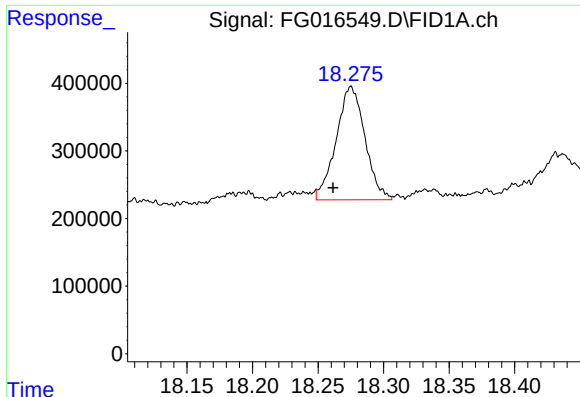
#11 N-HEXACOSANE

R.T.: 16.419 min
Delta R.T.: 0.008 min
Response: 2209360
Conc: 20.66 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.379 min
Delta R.T.: 0.011 min
Response: 3155004
Conc: 29.29 ug/ml



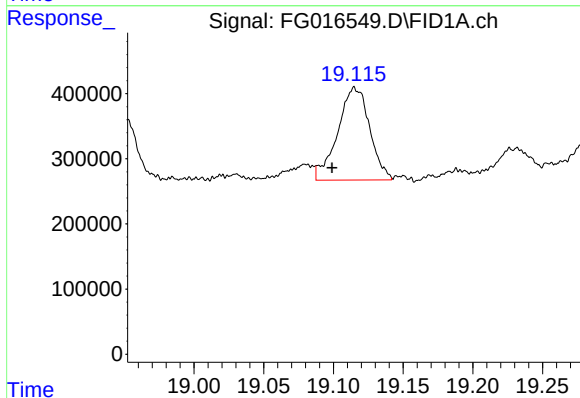
#13 N-TRIACONTANE

R.T.: 18.275 min
Delta R.T.: 0.014 min
Response: 2559464
Conc: 23.49 ug/ml

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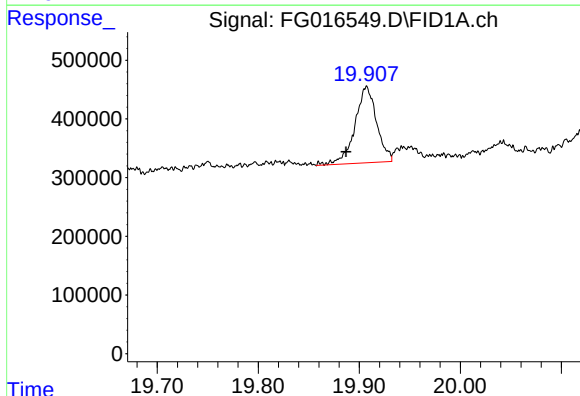
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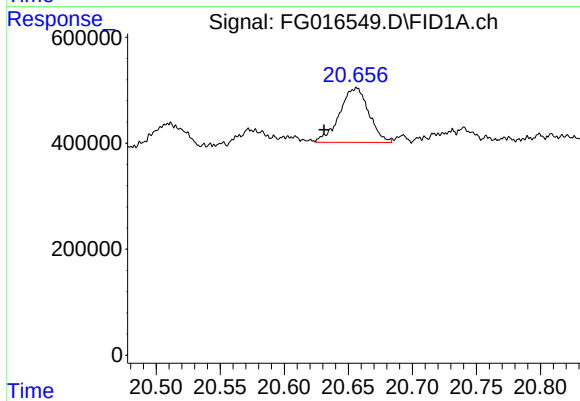
#14 N-DOTRIACONTANE

R.T.: 19.115 min
Delta R.T.: 0.015 min
Response: 2261078
Conc: 21.47 ug/ml m



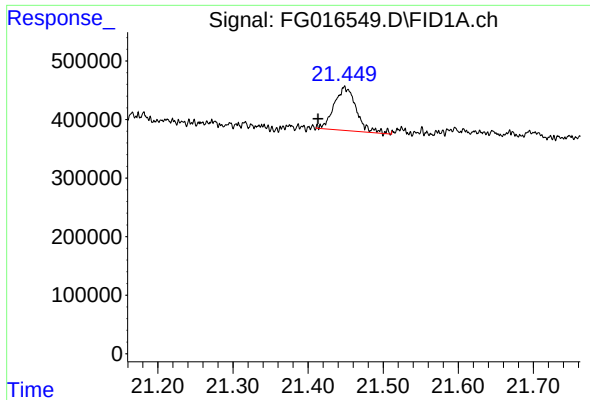
#15 N-TETRATRIACONTANE

R.T.: 19.907 min
Delta R.T.: 0.020 min
Response: 1936244
Conc: 20.32 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.656 min
Delta R.T.: 0.025 min
Response: 1632106
Conc: 21.84 ug/ml m



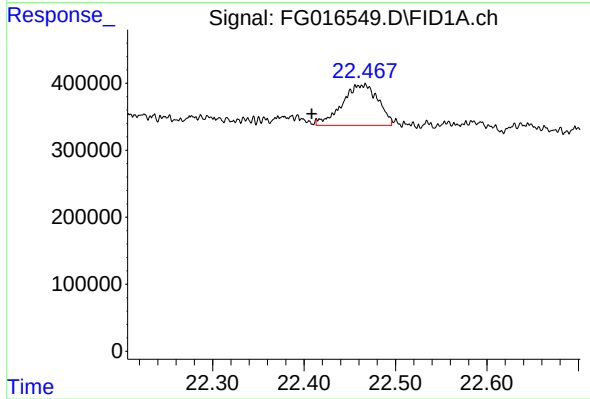
#17 N-OCTATRIACONTANE

R.T.: 21.449 min
Delta R.T.: 0.036 min
Response: 1518384
Conc: 25.32 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.467 min
Delta R.T.: 0.058 min
Response: 1661872
Conc: 39.54 ug/ml m