

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120225\
 Data File : FG017051.D
 Signal(s) : FID1A.ch
 Acq On : 03 Dec 2025 03:30
 Operator : YP\AJ
 Sample : Q3735-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 BU-3-112625MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/03/2025
 Supervised By :mohammad ahmed 12/05/2025

Integration File: Sample.e
 Quant Time: Dec 03 04:25:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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...	15.144	1230523	11.825 ug/ml
Target Compounds			
1) N-OCTANE	2.084	1293930	10.395 ug/ml
2) N-DECANE	4.618	1555503	13.040 ug/ml
3) N-DODECANE	6.800	1596588	13.367 ug/ml
4) N-TETRADECANE	8.639	1543616	13.338 ug/ml
5) N-HEXADECANE	10.258	1661349	14.519 ug/ml
6) N-OCTADECANE	11.710	1778224	14.826 ug/ml
7) N-EICOSANE	13.030	1743715	14.027 ug/ml
8) N-DOCOSANE	14.238	1760553	14.746 ug/ml
10) N-TETRACOSANE	15.349	1809535	15.402 ug/ml
11) N-HEXACOSANE	16.378	1685730	15.005 ug/ml
12) N-OCTACOSANE	17.336	1797330	15.929 ug/ml
13) N-TRIACONTANE	18.229	1691072	15.109 ug/mlm
14) N-DOTRIACONTANE	19.069	2094149	19.371 ug/ml
15) N-TETRATRIACONTANE	19.858	1490381	14.867 ug/mlm
16) N-HEXATRIACONTANE	20.604	1450088	16.626 ug/ml
17) N-OCTATRIACONTANE	21.381	1296697	17.005 ug/mlm
18) N-TETRACONTANE	22.364	1235827	19.753 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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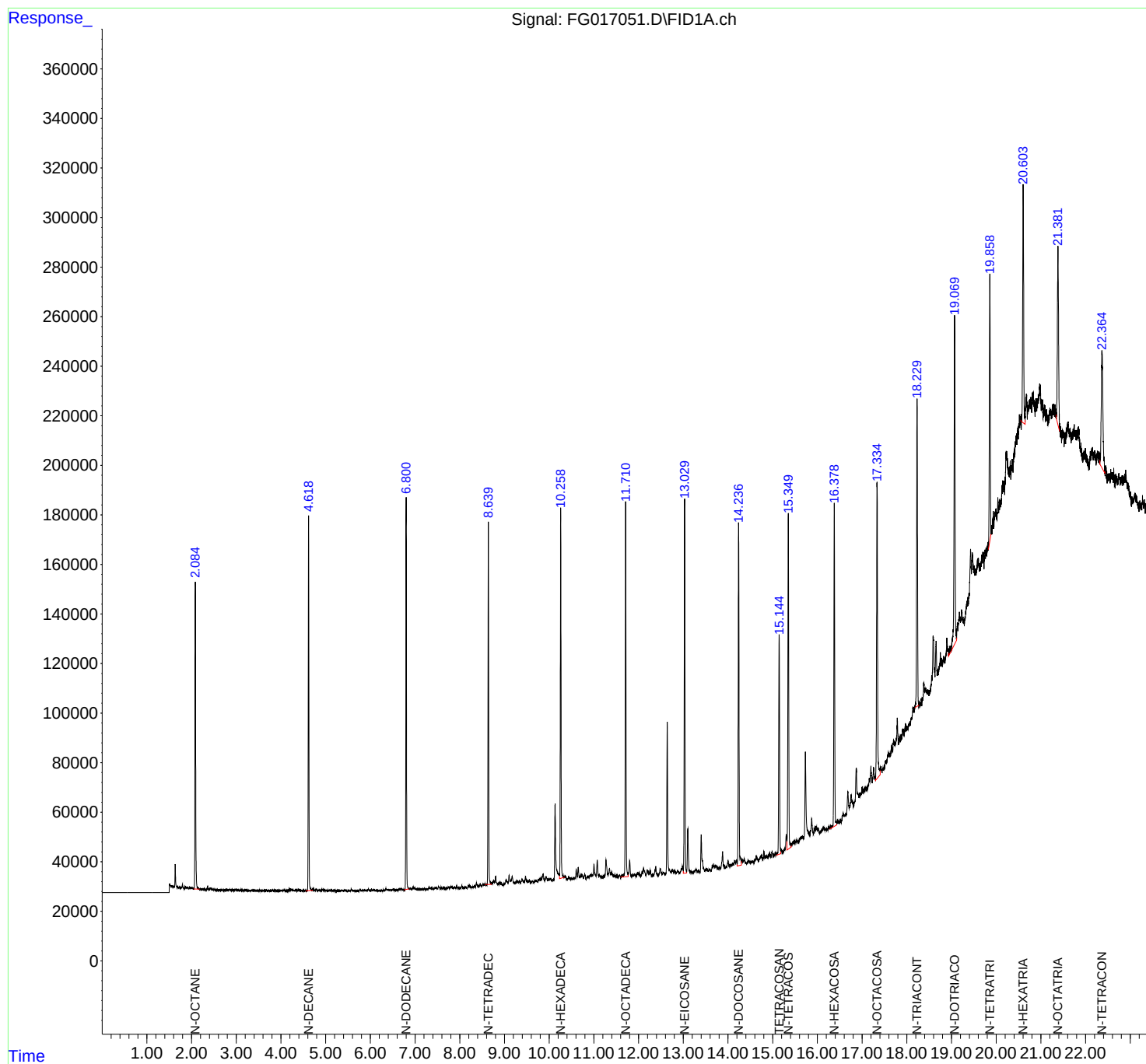
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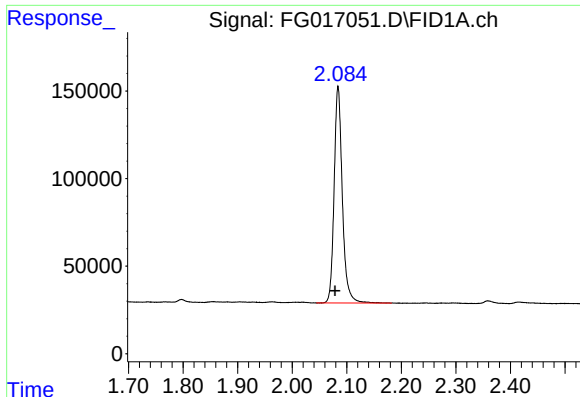
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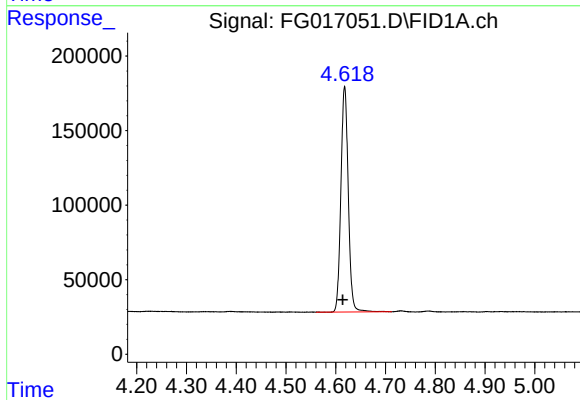
#1 N-OCTANE

R.T.: 2.084 min
Delta R.T.: 0.005 min
Response: 1293930
Conc: 10.40 ug/ml

Instrument :
FID_G
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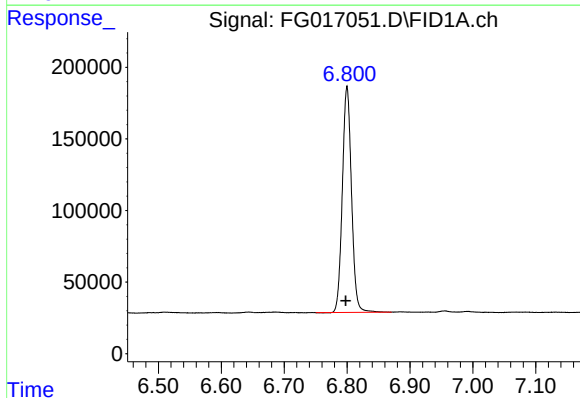
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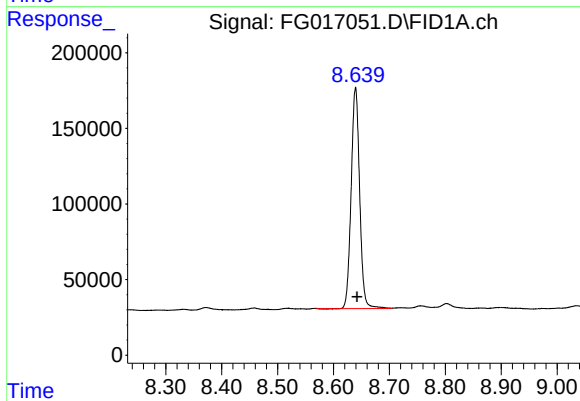
#2 N-DECANE

R.T.: 4.618 min
Delta R.T.: 0.004 min
Response: 1555503
Conc: 13.04 ug/ml



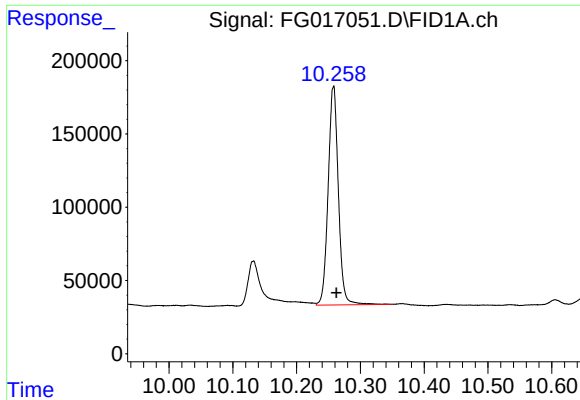
#3 N-DODECANE

R.T.: 6.800 min
Delta R.T.: 0.002 min
Response: 1596588
Conc: 13.37 ug/ml



#4 N-TETRADECANE

R.T.: 8.639 min
Delta R.T.: -0.003 min
Response: 1543616
Conc: 13.34 ug/ml



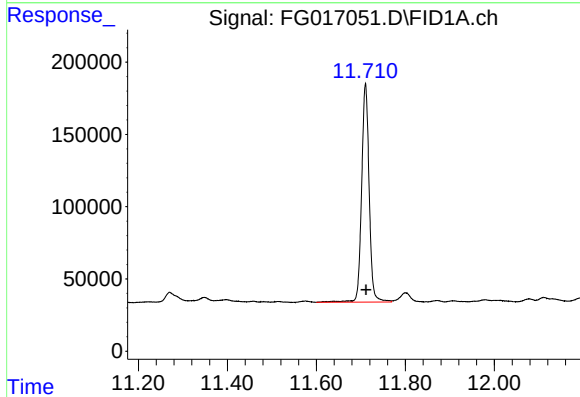
#5 N-HEXADECANE

R.T.: 10.258 min
Delta R.T.: -0.005 min
Response: 1661349
Conc: 14.52 ug/ml

Instrument :
FID_G
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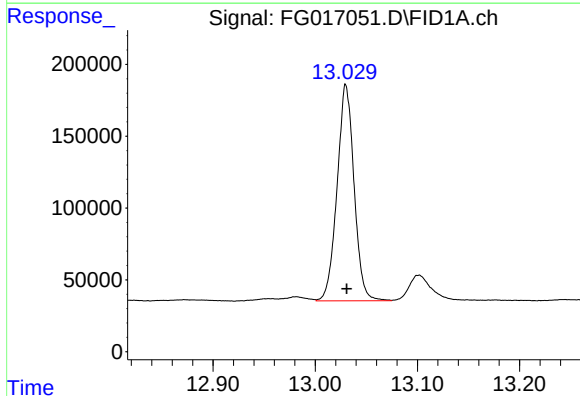
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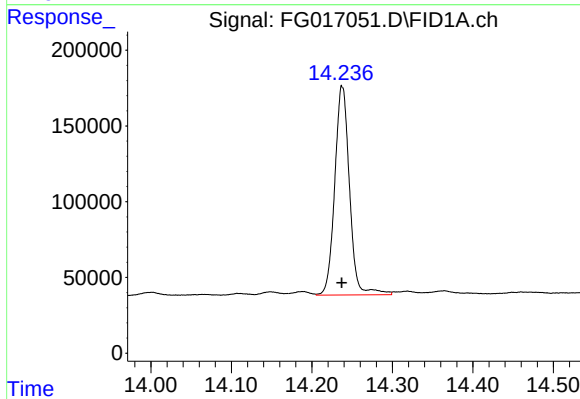
#6 N-OCTADECANE

R.T.: 11.710 min
Delta R.T.: -0.002 min
Response: 1778224
Conc: 14.83 ug/ml



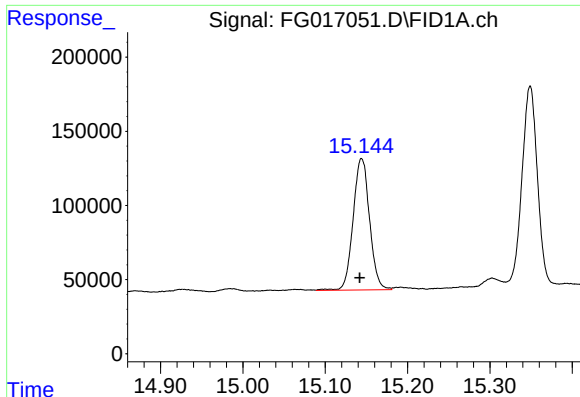
#7 N-EICOSANE

R.T.: 13.030 min
Delta R.T.: 0.000 min
Response: 1743715
Conc: 14.03 ug/ml



#8 N-DOCOSANE

R.T.: 14.238 min
Delta R.T.: 0.000 min
Response: 1760553
Conc: 14.75 ug/ml



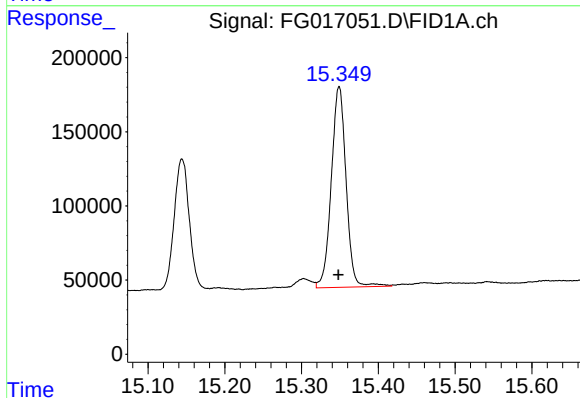
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.144 min
Delta R.T.: 0.002 min
Response: 1230523
Conc: 11.82 ug/ml

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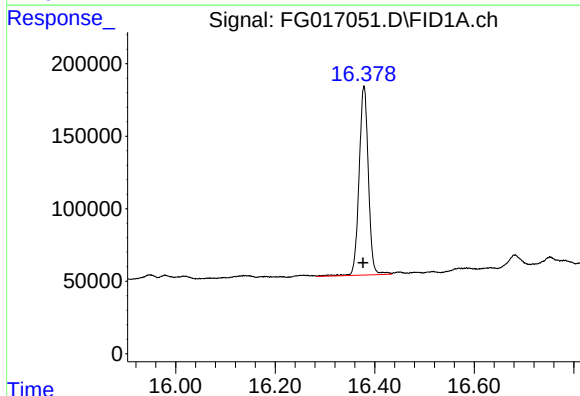
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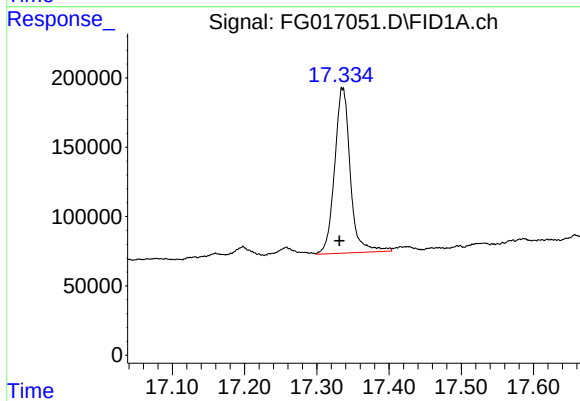
#10 N-TETRACOSANE

R.T.: 15.349 min
Delta R.T.: 0.000 min
Response: 1809535
Conc: 15.40 ug/ml



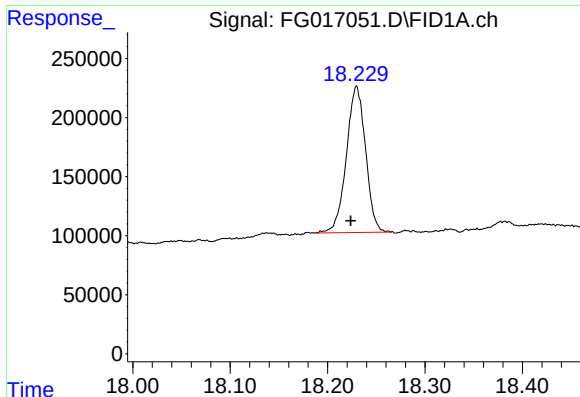
#11 N-HEXACOSANE

R.T.: 16.378 min
Delta R.T.: 0.002 min
Response: 1685730
Conc: 15.00 ug/ml



#12 N-OCTACOSANE

R.T.: 17.336 min
Delta R.T.: 0.005 min
Response: 1797330
Conc: 15.93 ug/ml



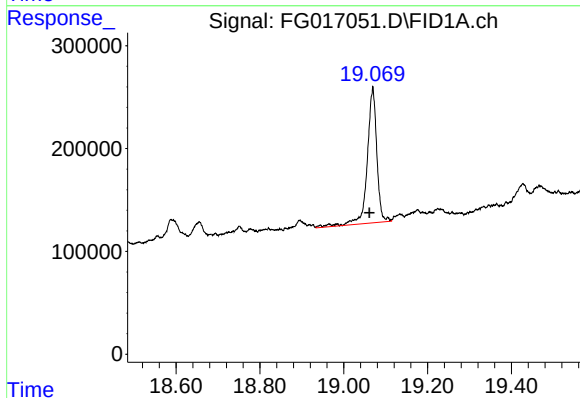
#13 N-TRIACONTANE

R.T.: 18.229 min
Delta R.T.: 0.006 min
Response: 1691072
Conc: 15.11 ug/ml

Instrument :
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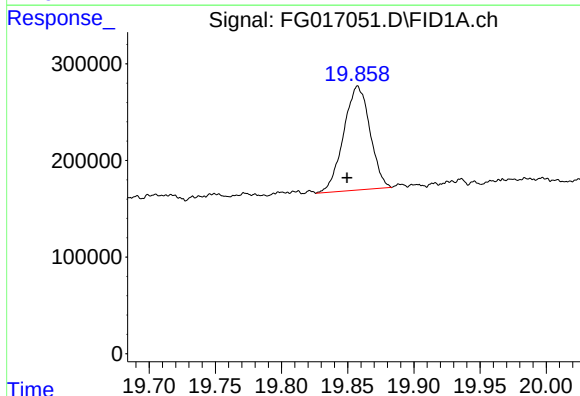
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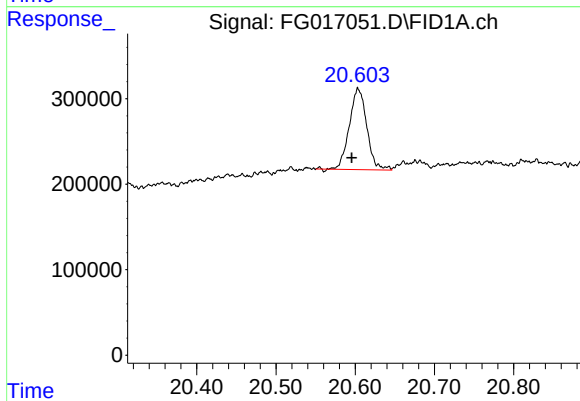
#14 N-DOTRIACONTANE

R.T.: 19.069 min
Delta R.T.: 0.008 min
Response: 2094149
Conc: 19.37 ug/ml



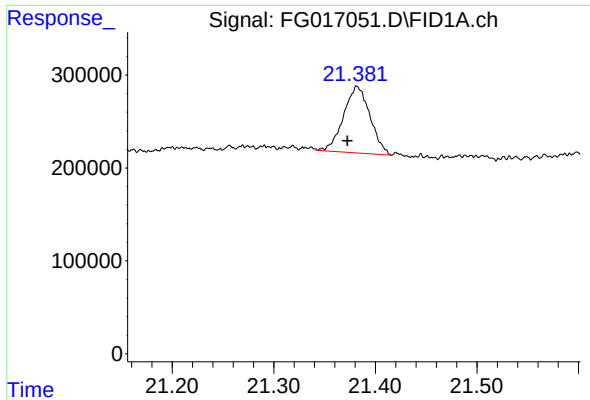
#15 N-TETRATRIACONTANE

R.T.: 19.858 min
Delta R.T.: 0.008 min
Response: 1490381
Conc: 14.87 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.604 min
Delta R.T.: 0.008 min
Response: 1450088
Conc: 16.63 ug/ml



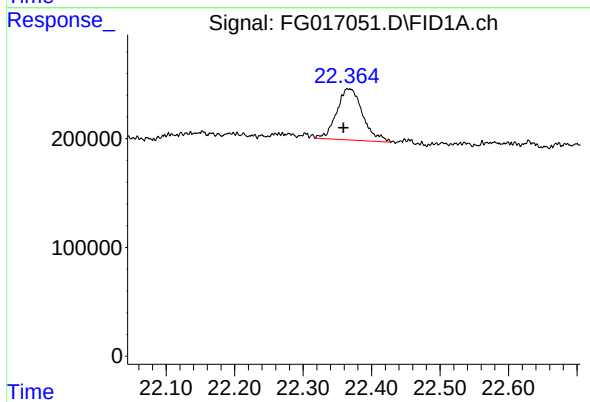
#17 N-OCTATRIACONTANE

R.T.: 21.381 min
Delta R.T.: 0.008 min
Response: 1296697
Conc: 17.00 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.364 min
Delta R.T.: 0.006 min
Response: 1235827
Conc: 19.75 ug/ml m